CONSTRUCTION NEWS

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RAILWAYS.

(*Denotes that this work is advertised in Engineering News.)

New York—New York Central Lines.—Plans for improvements to cost about $60,000,000 have been filed. From 72d St. north the streets carrying its tracks will be roofed over and below 72d St. the tracks will be elevated.

Florida.—Ocala Northern R. R.—Final arrangements are being made for an extension from Palatka to Jacksonville. E. P. Rentz, Ocala, is Pres.

Alabama.—Louisville & Nashville R. R.—According to press reports extensive improvements will be started at once, among which is a proposed 19-ft. cut through Culiman and a new freight and passenger station. An expenditure of approximately $200,000 will be made. W. H. Courtenay, Louisville, Ky., is Ch. Engr.

✚**Kentucky.**—Louisville & Nashville R. R.—A contract has been awarded to T. J. ASHER, Wasito, for building an extension from Harlan along Clover Fork to Ages Creek, about six miles.

Ohio.—Cumberland & Pennsylvania R. R.—Bids will be received by the Board of Commissioners at New Philadelphia, Ohio, until Oct. 16 for the work in connection with the elimination of two grade crossings between Mineral City and Valley Junction. W. C. Snott is County Auditor.

Ann Arbor & Jacksonville R. R.—The incompleted road which extends 20 miles out of Toledo will be purchased and finished. An expenditure of $500,000 will be made, it is stated.

Iowa.—The Creston, Winterset & Des Moines R. R.—A road is projected from Creston, Iowa, north to Spalding, thence northeast by way of Macksburg and Winterset to Des Moines, about 70 miles. The section from Creston to Macksburg will be built next year. The contract for carrying out the work will be let as soon as the bond issue is secured. A steel bridge will be built. Steam will be used as the motive power for handling freight traffic, and gasoline motor cars for the passenger and express service. The officers are R. Brown, Pres., Creston; C. E. Wilson, Vice-Pres., Macksburg; M. F. Harris, 2d Vice-Pres., Winterset; A. S. Lynn, Secy., Orient, and W. W. Walker, Treas., Macksburg.

Minnesota.—The Cuyuna Northern R. R.—This company has been incorporated for the purpose of building a line from Sherwood through Crow Wing to a point on the Mississippi River. The offices will be at Deerwood. The incorporators are Cuyler Adams, F. S. Adams and C. C. Adams, all of Deerwood.

Montana.—Northern Pacific Ry.—Press reports state that a branch line connecting Glendive and Sidney will be built for which contracts will be let soon. W. L. Darling, St. Paul, Minn., is Ch. Engr.

Missouri.—Missouri Pacific Ry.—Two routes have been suggested to extend south from the present terminus to Springfield. One proposition is to continue the Bagnell branch from Jefferson City through Miller County and the other is to extend the Warsaw branch south. A tour of inspection is being made by Gov. Hadley, B. F. Bush, Pres. of the company and others.

Oregon. — Nevada - California-Oregon Ry.—A new line is contemplated to extend from Goose Lake north passing through Lake Klamath and Wasco Counties to the Columbia River. George S. Oliver, Reno, Nev., is Ch. Engr.

✚**Nova Scotia.**—The Intercolonial Ry.—Contracts have been awarded by the Dominion Government for extensions to the lowest bidders as follows: The branch from Dartmouth to Deane, M. P. DAVIS, Ottawa; the Guysboro County line, NOVA SCOTIA CONSTRUCTION CO. L. K. Jones, Dept. of Rys. and Canals, Ottawa, is Secy.

Alberta.—Canadian Pacific Ry.—At the annual meeting at Montreal on Oct. 4, Sir Thomas Shaughnessy Pres., announced that Calgary, Alta., had been decided upon as the site for the new western shops. The proposed double-tracking of the line from Medicine Hat westward for a distance of 534 miles, will be started at once.

British Columbia.—Canadian Pacific Ry.—An extension of the Esquimault & Nanaimo division will be made as far as Comox. Bids for clearing the right-of-way from McBride Junction to Union Bay, 37 miles, will be received by H. E. Beasley, Supt., until Oct. 16. Specifications and further information may be obtained at the office of R. A. Bainbridge, Div. Engr., Victoria.

✚Kettle Valley Ry.—An additional contract has been let for 75 miles of new work, which includes a section of 40 miles to complete the line to Osprey Lake, and a section of 35 miles, from Mile 35 north of Midway, to the Kettle Okanagan summit to L. M. RICE & CO., associated with Boomer & Hughes and Grant, Smith & Co., Seattle, Wash. A. McCulloch, Penticton, B. C., is Ch. Engr.

ELECTRIC RAILWAYS.

(✚*Denotes a contract awarded.*)

Lexington, Mass.—The Lexington & Boston Street Ry. Co. has received a franchise from the Selectmen of Lexington to relay its tracks on Waltham St. from a point near Allen St. to the Concord Turnpike. Sidney Harwood, Newtonville, is Gen. Mgr.

✚**New Haven, Conn.**—The New York, New Haven & Hartford R. R. Co., has awarded a contract to JOSEPH A. LYONS, 237 Lincoln St., New Haven, for the electrification of its line from New Haven to Branford, about twelve miles.

Old Saybrook (post-office Saybrook), **Conn.**—The Shore Line Electric Ry. Co., is planning an extension of its line from Ivoryton to Chester, about five miles. J. E. Sewell, Old Saybrook, is Gen. Mgr.

Mamaroneck, N. Y.—The Board of Trustees has granted permission to the New York & Stamford Ry. Co., to double-track its line. C. S. Mellen, New Haven, Conn., is Pres.

Hackensack, N. J.—The line running from Hackensack Road to Queen Anne Road is to be extended to Redgefield Park. The Public Service Ry. Co. has received a franchise from the Redgefield Trustees for this purpose.

✚**Sunbury, Pa.**—A contract has been awarded by the Sunbury & Selinsgrove Street Ry. to the EYRE SHOEMAKER CO., for the construction of its extension from Front St. to a point above Packer's Island, where it will cross the Susquehanna River on a proposed bridge to Northumberland. Work will be started at once at Northumberland. W. H. Greenough, Sunbury, is Pres.

Richmond, Va.—The Virginia Ry. & Power Co. has applied to the Council for permission to extend its line from Robinson St. along Broad St. to West St. and thence to Floyed Ave. forming a loop. An expenditure of more than $1,000,000 will be made within a year. It is stated $400,000 will be spent for rails. William Northrop, Seventh and Main Sts., Richmond, is Pres.

Burlington, N. C.—The Piedmont Ry. & Electric Co. has been organized to build an 8-mile line connecting Burlington, Graham and Haw River. G. W. Hatch, is Gen. Supt.

Atlanta, Ga.—The Etowah Valley R. R. Co. has received a charter to build an electric line from Atlanta to the Tennessee State line. The offices are at Atlanta. G. R. Glenn, H. D. Gurley, John H. Moore and others, all of Dahlonega, are the incorporators.

Mobile, Ala.—The Mobile Interurban Motor Ry. Co., has made application for a charter to build a 2-mile line from the terminus of the Spring Hill line of the Mobile Light & Ry. Co. to the Pinehurst subdivision. The incorporators are C. C. Meecham, Mobile; J. J. Dowling, Steubenville, Ohio, and others.

Laurel, Miss.—It is reported that the City Council has granted S. M. Jones and P. H. Saunders, a franchise to build a railway in Laurel.

✚**Chattanooga, Tenn.**—The Chattanooga Ry. & Light Co. has awarded a contract to the NOLL CONSTRUCTION CO., this city, for the raising of its tracks on Rossville Ave. and grading Rossville Ave. between East End Ave. and the city limits.

Cleveland, Ohio.—A 22-mile line connecting Cleveland, Alliance and Mahoning is to be constructed by the Cleveland, Alliance & Mahoning Valley Ry. Co. under a franchise received from the County Commissioners.

Indianapolis, Ind.—A franchise has been granted to the Indianapolis & Delphi Traction Co., to build an interurban railway from 42nd St. to the border line of Hamilton County.

Virginia, Minn.—A franchise has been granted to the Eveleth & Gilbert Traction Co., Duluth, to construct a line from Virginia, through Eveleth to Gilbert. W. M. Prindle, Duluth, is representing the company. Noted April 13.

Omaha, Neb.—A line will be constructed from Omaha to Sioux City, Iowa, by way of Council Bluffs. C. E. Coon, 3901 West 18th St., Omaha, is interested.

St. Joseph, Mo.—A franchise has been granted to the Kansas City, Clay County & St. Joseph Ry. Co. to build a line south from St. Joseph.

Texarkana, Ark.—A franchise, granting permission to double-track its East Side Line, has been granted to the Texarkana Gas & Electric Co. W. L. Wood is Gen. Mgr.

✚**Fort Worth, Tex.**—A contract has been awarded to THE TEXAS BUILDING CO. by Stone & Webster, 147 Milk St., Boston, Mass., to grade the right of way for the Fort Worth Southern Traction Co. G. H. Clifford of Fort Worth, is interested in the project.

Greenville, Tex.—Joseph F. Nichols of Greenville, who is promoting the construction of a system of interurban railways, has contracted for the preliminary surveys. It is planned that one of the lines will run to Sherman, one to Cooper, another to Paris and the fourth to Dallas. Noted May 25.

San Antonio, Tex.—The San Antonio Traction Co. contemplates making extension to its system. W. B. Tuttle, 305 East Houston St., is Vice-Pres. and Gen. Mgr.

Burlington, Wash.—The Bellingham Skagit Ry. Co. has received a franchise from the City Council to build a railway and to build a spur to Anacortes.

Vancouver, Wash.—A new company has been organized by Chicago capitalists to build an electric railway from Vancouver, north to the South Fork of the Lewis River thence northeast to Kilchitat Pass, a distance of 100 miles. E. R. Ernsberger, of the Mount Hood Ry. & Power Co., 611 Commercial Block, Portland, Ore., is in charge.

Junction City, Ore.—The City Council has granted a franchise to the Oregon Electric Co., L. B. Wickersham, Portland, is Ch. Engr. Noted Sept. 28.

Martinez, Cal.—The Castro Point Ry. Co. has applied for a charter to build a railway in this city. The company has been incorporated at $11,000 and the main stockholders are, F. W. Belger, T. Blake and H. E. Johnston of Oakland, Cal.

San Francisco, Cal.—The Board of Supervisors has granted a franchise to Paul B. Fay to construct a double track railway on Bryant St. to connect the existing tracks on Army St. and 26th St. The new line will be under the control of the Union Railroads.

Upland, Cal.—A plan to extend the line from Upland to Cucamonga is being considered by the Ontario & San Antonio Heights R. R. Co.

LIGHT AND POWER PLANTS.

(*Denotes that this work is advertised in Engineering News.)

Beverly, Mass.—Bids are being received by Charles T. Main, Engr. and Arch., Boston, for the following new buildings for the Beverly Gas & Electric Co. A 1-story garage, 86 x 52 ft.; 2-story generator house, 60 x 43 ft.; 2-story purifier house and 1-story meter house, length over all, 114 ft. 4 ins. x 29 ft. 4 ins. Mill constructions will be used.

Boston, Mass.—A site has been purchased by the Edison Electric Illuminating Co., on Massachusetts Ave., for the purpose of building a general service depot. Six buildings will be erected. The cost is estimated at $500,000. Charles L. Edgar is Pres.

New York, N. Y.—Bids will be received by the President of the Borough of Manhattan at the City Hall, Room 14, until 2 p. m., Oct. 23, for electric lighting and power fixtures and wiring in the city court building, City Hall Park, Borough of Manhattan. Item No. 1—For furnishing, installing and connecting the wiring system, complete, including all switches, receptacles, conduits, wiring, panel boards, etc., ready for fixtures to be connected. Item No. 2—For furnishing, installing and connecting new fixtures and accessories, complete, to outlets, as specified and shown on plans. Item No. 3.—For furnishing all labor and materials to complete the entire contract, as specified and shown on plans. Specifications may be obtained at the office of the Auditor, Office of the Commissioner of Public Works, 13-21 Park Row. George McAneny is Pres.

Bids will be received at the Department of Public Charities, foot of East 26th St., until 2.30 p. m., Oct. 19, for alterations and repairs to the gas works on Randalls Island. Further information may be obtained at the office of the Supervising Engineer of the Department. Michael J. Drummond is Comr.

Jamesburg, N. J.—Bids will be received at the State Home for Boys, Jamesburg, N. J., until 2.30 p. m., Oct. 20, for complete aterations and additions to the heating plant. Plans and specifications prepared by the Commissioner of Charities and Corrections, are on file at the home and in the office of the Commissioner of Charities and Corrections, State House, Trenton, N. J.

Sharon, Pa.—Application has been made by the newly organized Lawrence Hydro-Electric Co. for a charter to permit them to dam Slippery Rock Creek for the purpose of furnishing water power for Laurence, Mercer and Butler Counties.

Spring City, Pa.—Bids were received for the State Hospital for Criminal Insane as follows: J. R. Wiggins & Co., Heed Bldg., Philadelphia, Pa., $213,839; Wayne Construction Co., $217,260; James G. Doak & Co., $219,964; Doyle & Co., $222,500; Abel Bottoms & Son Co., $231,918; Sax & Abbott, $233,796. Philip H. Johnson, Land Title Bldg., is Arch.

Washington, D. C.—Bids will be received until Oct. 24 at the Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing at Brooklyn navy yard under Schedule 3984, two turbo-generator sets.

Arlington, Va.—Bids will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 a. m., Nov. 11, for installing complete, a hot-water heating system in the wireless station buildings. Plans and specifications may be obtained at the Bureau. R. C. Holloday is Chief of Bureau.

Charlotte, N. C.—Bids will be received until Oct. 17, by the Board of Water Commissioners at the office of A. H. Hearn, Clk., as follows: For furnishing two 300-HP. motors, two 5,000,000-gal. centrifugal pumps, one 3,000,000-gal. steam pump, transformers and switchboard, two boilers and setting same, laying about 9 miles of 24-in. cast-iron pipe and furnishing valves. Plans and specifications may be seen at the office of the clerk and at the office of Gilbert C. White, Engr., Charlotte.

Americus, Ga.—It is reported that Frank Lanier and Frank Sheffield have formed a company for the purpose of establishing a gas and electric light plant.

***New Orleans, La.**—Bids will be received until 3 p. m., Dec. 7, by F. S. Shields, Secy., at the Office of the Board, Room 508, City Hall Annex, for furnishing and erecting the following machinery and appliances: One 6,000-KW. horizontal high-pressure condensing steam turbine and alternating-current unit; one 150-KW. rotary converter with stationary transformers; one 7-panel switchboard. Specifications may be obtained at the omce of the Board. George G. Earl is Gen. Supt.

Proposed Road Work in Connecticut.

The Legislature of the State of Connecticut has voted appropriations aggregating $3,420,000 for road construction during the next two years. Of this amount, the sum of $2,000,000 will be used exclusively for building trunk-line roads; $1,000,000 will be set aside for main roads other than the fourteen trunk-lines in the state; $200,000 is provided for repair work; and the balance will go towards the expense of administration, engineering work, inspection, maintenance, etc.

It is the intention of Mr. James H. McDonald, State Highway Comr., to apportion the money during the next few weeks, so that contracts may be awarded during the coming months for early spring commencement.

In addition to voting the road construction appropriations the Legislature has passed other important laws in connection with State highway work. Among these is one giving the State Highway Commissioner authority to condemn land for road improvement, and another, placing the entire cost of maintenance of the trunk-lines on the state, the towns heretofore having been obliged to pay one-fourth of this cost.

Livermore, Ky.—A power plant is being considered by the Smith Cooperage Co.

✚Newport, Ky.—A contract has been awarded by the Board of Aldermen to the GREAT WESTERN ELECTRIC CO. for placing all wires, in connection with the fire department, underground.

Hammond, Ind.—The Hammond Steel Barrel Co. has recently been incorporated and is planning to build a new plant on Calumet River, to be operated by electricity. The cost is estimated at $50,000. J. F. Lafave is Pres., and N. C. Cunnigham is Secy.

Huntington, Ind.—Ornamental lamp posts will be installed in the business section of the city.

✚Michigan City, Ind.—A contract for a pumping station and power plant has been awarded to the FT. WAYNE ELECTRIC WORKS, Fort Wayne, Ind., by the Board of Trustees of the Indiana State Prison. A. J. Hammond, South Bend, is the Consult. Engr.

Orangeville, Ill.—C. W. Bennett, of Black Earth, Wis., has been granted a franchise to build an electric light plant.

✚Milwaukee, Wis.—The Department of Public Works has awarded a contract to the ALLIS-CHALMERS CO., Milwaukee, at $12,617, for furnishing machinery, consisting of a steam turbine engine, motor generator set, etc., to be installed in the municipal incinerator for using the excess steam. Harry E. Briggs is Comr. Pub. Wks.

Monticello, Wis.—Bids will be received by E. W. Van Norman, Village Clk., until Oct. 24, for one triplex power pump, belt driven, to operate against static pressure of 67 lbs.; capacity at least 5 gals. per revolution of crank shaft. Specifications are on file at the office of W. G. Kirchoffer, Engr., 31 Vroman Bldg., Madison, Wis.

Glidden, Iowa.—An electric light system is being considered.

Iowa Falls, Iowa.—A 25-year franchise has been granted to O. F. Peterson, Des Moines, for the installation of an electric lighting and heating plant. Noted Sept. 21.

Oskaloosa, Iowa.—The Des Moines River Power Co. is contemplating the installation of a power plant having a capacity of 10,000 HP.

Osborn, Kan.—Plans and specifications for a municipal electric-light plant are being prepared. Rollin & Westover, Kansas City, Mo., are the Consult. Engrs.

Waterville, Kan.—The installation of a municipal electric-light plant is contemplated. A bond issue has been made. R. Smith is City Clk.

Forsyth, Mo.—A hydro-electric plant, to be built about two miles from this city on the White River, is being considered by the Ozark Power & Water Co., Chemical Bldg., St. Louis, Mo. The cost is estimated at $550,000. Holman & Laird, St. Louis, are the Consult. Engrs. Noted Sept. 21.

Denton, Tex.—New machinery, including a 200-KW. direct-connected generator and a 300-HP. engine will be installed in the municipal light and power station. The cost is estimated at $10,000.

✚Hearne, Tex.—A contract has been awarded to the O'NEIL ENGINEERING CO., Dallas, to construct an electric-light plant and water-works. The estimated cost is $30,000.

Mexia, Tex.—The city will install a new engine and dynamo in its light and power plant.

Port Lavaca, Tex.—The Port Lavaca Light & Power Co. will install a 125-HP. engine. Other improvements will be made at the plant.

Taylor, Tex.—The Taylor Heat & Light Co. has been incorporated to erect and operate an electrical plant. The incorporators are W. A. Chambers, C. S. Lehman, D. M. Garver, John B. Chambers and Fred D. Lodge.

Waco, Tex.—The City Commission has authorized the Waco Gas & Electric Co. to install 100 arc lights. Noted Oct. 5.

Roswell, N. Mex.—The Roswell Light & Gas Co. will enlarge its plant to 1,500 HP. Two 750-HP. producer gas engines will be installed.

✚Logan, Utah.—A contract has been awarded to M. J. MORAN, Ogden, Utah, at $17,000 for the construction of an electric-light plant to be located at the mouth of Logan Canyon to supply power at the Agricultural College of Utah. The surplus power will be transmitted on transmission lines owned by the Telluride Power Co., to Salt Lake City and Ogden, to furnish electrical energy to the State University, State Penitentiary and Reform School. The plant will be under the supervision of the Board of Trustees of the College.

Salt Lake City, Utah.—The City Council has authorized the installation of 200 arc lamps for street lighting. John S. Bransford is Mayor.

✚Phoenix, Ariz.—Additional contracts have been awarded by the Salt River Valley Water Users Association for the South Side Consolidated power station as follows: MARIS BROS., Philadelphia, Pa., two traveling cranes; JOHN A. ROEBLING SONS CO., 326 East Market St., Los Angeles, 26 miles copper wire and 17 miles galvanized telephone wire; B. F. KIERULFF, JR., CO., Los Angeles, Cal., 100 steel poles for power lines; WESCO SUPPLY CO., 101 Howard St., 1,200 ft. galvanized guy wire, 225 telephone insulators, 25 copper splicing sleeves, 30 clamps; PIERSON, ROEBLING & CO., 652 Pacific Electric Bldg., 350 insulators.

✚North Yakima, Wash.—The Pacific Power & Light Co. has awarded a contract to PINNER & GRIFFITH, this city, to build a new electric plant at $23,400. The PACIFIC POWER & LIGHT CO. has been awarded a contract to supply electricity for an ornamental street-lighting system.

Sedro-Wooley, Wash.—Bids will be received by the State Board of Control, Olympia, until noon, Oct. 16, for the erection of a concrete and steel power-house, mechanical equipment, boilers, engines, etc., to be erected at the Northern Hospital for Insane. Plans and specifications may be obtained at the office of Saunders & Lawton, Archs., 1319 Alaska Bldg., Seattle, or at the Builders and Employers' Association, Tacoma, or John Dow, Paulsen Bldg., Spokane.

Corona, Cal.—Plans are being prepared by the Sierra Light & Power Co. for the entire reconstruction of their lines and plant.

Gridley, Cal.—The Gridley Produce & Canning Co. is making plans for the installation of a power and lighting plant.

✚Los Angeles, Cal.—The contract for placing an electric generating plant in the Hall of Records has been awarded to C. C. MOORE ENGINE CO., 321 Trust Bldg., Los Angeles, at $21,000.

Riverside, Cal.—The Ornamental Cement Stone Co. has closed a contract with the Panada Development Co. to make 75 concrete lamps to be installed at Panada in Mercer County.

✚San Francisco, Cal.—A contract has been awarded to the PACIFIC FIRE EXTINGUISHER CO., San Francisco, at $8,400, for switchboards, switches, conduit work, etc., in connection with the new building of the Bankers' Investment Co. on Geary St.

A. M. Hunt, San Francisco, is preparing plans for the power-house and equipment of the Geary St. Municipal Ry.

✚Buckingham, Que.—The James Maclaren Co., Buckingham, has awarded a contract to HANEY, QUINLAN & ROBERTSON, Montreal, to build a dam on Lievre River, above High Falls, about 25 miles from Buckingham. J. B. McRea is Engr.

Winnipeg, Man.—Bids will be received until 11 a. m., Oct. 13, by the Chairman of the Board of Control, for the manufacture and delivery f. o. b. Winnipeg, of the following materials: Section A, 75-2 wire, 500 volt, 500 ampere, D. C. fuse boxes. Section B, 75-2 wire, 230 volt, 200 ampere, A. C. fuse boxes. Specifications and further information may be obtained at the office of the Manager of the Light and Power Department, 449 Main St. M. Peterson is Secy. Bd.

✚Scott, Sask.—Contracts for the construction of the power-house equipment, water-works material, laying of mains, have been awarded as follows: Power-house, GOWE & YEO; electrical apparatus and pumping machinery, CANADIAN WESTINGHOUSE CO.; pneumatic storage tanks, POLSON IRON WORKS; hydrants, valves, etc., T. McAVITY & SONS; water mains, DRUMMOND McCALL CO.; poles, LINDSEY BROS.; line material, NORTHERN ELECTRIC CO.; wire, EUGENE PHILLIPS CO.; erecting pole line, FLETCHER & McGARVEY; reservoir, GOWE & YEO; laying mains, day labor; crude oil engine, DIESEL ENGINE CO.

Vermilion, Alta.—Bids will be received until noon on Oct. 16, by C. V. Caesar, Secy.-Treas., Vermilion, Alta., for the delivery and erection of the following: Section A, steam boiler, feed pumps and heater, etc.; Section B, steam engine; Section C, electric generator and switchgear. Plans and specifications can be obtained from the Secretary-Treasurer or from Bowring & Logan, 34 Victoria St., Toronto, Engrs.

BRIDGES.

(✚*Denotes a contract awarded.*)

Portland, Me.—Plans are being prepared by W. O. Thompson, Engr. Park Dept. for a concrete and steel bridge across the ravine in Deering Oaks. The structure is to be 80 ft. long.

Northville (North Newport postoffice), **N. H.**—Press reports state that two bridges, requiring about 100 tons of steel, will be erected here by the Boston & Maine R. R. B. W. Guppy, Boston, is Engr. of Bridges and Bldgs.

***✚Fall River, Mass.**—We are officially advised that the contract for constructing an 82.5-ft. clear span reinforced-concrete arch bridge, 43 ft. wife, with two 7-ft. walks and a 25-ft. driveway, to be erected at South Park, was awarded on Oct. 2, to BEATTIE & CORNELL, Fall River, at $22,600. Corbett & Higgins, Fall River, are Consult. Engrs., and Howard Lothrop is Supt. & Engr. of the Bd. of Park Comrs. Noted Aug. 17.

Lawrence, Mass.—The County Commissioners have ordered that the bridge at the crossing of South Union St. with the Boston & Maine R. R., be rebuilt.

Lincoln, Mass.—Charles Francis Adams, Lincoln, has made a proposition to the County Commissioners to pay a part of the cost of constructing a bridge at Lincoln. The Commissioners have taken the matter under advisement.

Worcester, Mass.—Press reports state that plans have been prepared by the Boston & Albany R. R., for a plate girder bridge of three spans, with I-beams, concrete floor and steel columns, to be erected at Worcester at an estimated cost of $500,000. The structure will be known as Bridge 63A. W. G. S. Chamberlain, Boston, is Engr. of Bridges.

***Hartford, Conn.**—Bids will be received by the Board of Park Commissioners until 4 p. m., Oct. 18, for removing the present bridge over Park River, building new bridge, and other work incidental thereto in West Bushnell Park. The new bridge will consist of one 50 and two 26-ft. plate girder spans. Plans and specifications may be seen and blank forms of proposal obtained at the office of the City Engineer. Franklin G. Whitmon is Secy.

Ansonia, Conn.—Plans for a concrete arch bridge over the Naugatuck River and the railroad tracks at Bridge St. are being prepared by the engineers of the New York, New Haven & Hartford R. R. Co., Edward Gagel, Ch. Engr. The structure will be 60 ft. wide and about 600 ft. long, and is estimated to cost between $140,000 and $150,000. Mayor Stephen Charters, C. F. Bliss and C. Y. Woodruff are members of the Bridge Commission.

Newark, N. J.—Plans for the proposed new span at Bridge St., over the Passaic River have been, formerly approved by the joint bridge committee of the Essex and Hudson Boards of Freeholders. The plans had been returned with some minor corrections by the War Department and will be submitted to the freeholders of both boards with resolutions favoring adoption. The work includes the erection of a temporary span, for which plans have already been made. The present draw will be shifted to become a part of the temporary span.

Hackensack, N. J.—Bids will be received by the Board of Chosen Freeholders of Bergen County until 1.15 p. m., Oct. 16, for the construction of a bridge on Rock Road, Woodcliff Lake, known as Cumming's Bridge. Plans and specifications can be examined and all necessary information obtained at the office of the Clerk of the Board of Freeholders, Court House, Hackensack, N. J.

Hollidaysburg, Pa.—Bids will be received by the Commissioners of Blair County until Oct. 12 for repairing the Tenth St. bridge.

Rochester, Pa.—Bids will be received by the Commissioners of Beaver County until Oct. 19, for constructing a bridge over McKinley's Run on New York Ave, Rochester, Pa. Charles H. Stone, John Black and Stanton Ewing are County Comrs.

Baltimore, Md.—Plans are being prepared by the City Engineer for a steel bridge to replace the present structure over the tracks of the Baltimore & Ohio R. R. at Monroe St. Estimated cost, $50,000.

Anderson, S. C.—Anderson and Hart Counties are considering the construction of a steel bridge over the Savannah River near Browns Ferry. Estimated cost, $33,000.

Atlanta, Ga.—Bids will probably soon be asked for constructing the Bellwood Ave. viaduct, estimated to cost $66,220. Robert M. Clayton is City Engr.

Jacksonville, Fla.—Preliminary plans have been prepared by the County Engineer for the concrete and iron bridge which the County Commissioners intend to erect at Goodby's Lake, about eight miles below Jacksonville. The structure wil be 346 ft. long and 16 ft. wide. Bids will soon be asked.

Seloca, Ala.—Plans for the erection of a bridge over the Warrior River near Seloca, are being prepared by the County Engineer. The structure will be of steel, about 400 ft. long, and is estimated to cost $25,000.

***✚Bermuda, La.**—We are officially advised that bids for constructing a steel highway bridge over the Cave River at Bermuda, were received Oct. 4, as follows, (a) tubular piers, (b) concrete piers: AUSTIN BROS., (a) $8,400, (b) $8,600 (awarded contract); J. L. Boggs, (a) $8,435, (b) $8,675; Midland Bridge Co., (a) $8,439, (b) $8,762; F. H. Alsbury Co., (a) $8,460, (b) $8,700; M. S. Hasle, (a) $8,547, (b) $8,798. Noted Sept. 7.

Celina, Ohio.—Bids will be received by the Board of County Commissioners until Oct. 12, for constructing 13 bridges. J. L. Morrow is County Audr.

Columbus, Ohio.—Bids will be received by the Commissioners of Franklin County until Nov. 2 for constructing approaches to the King Ave. bridge over the Olentangy River. Plans and specifications are on file at the office of the County Auditor.

Marietta, Ohio.—Bids will be received by the Commissioners of Washington County until Oct. 18 for constructing two bridges.

St. Clairsville, Ohio.—Bids will be received by E. Shepherd, County Audr., until Oct. 17, for erecting a stone and concrete bridge in Union Township.

Cincinnati, Ohio.—Bids will be received by the Board of Commissioners of Hamilton County until Oct. 27, for building bridges and culverts on the Wooster Pike from the corporation line of Cincinnati to the Little Miami River in Columbia Township. Stanley Struble is Pres.

***Saginaw, Mich.**—See "Proposals."

✚Chicago, Ill.—The contract for constructing a bridge over the north branch of the Chicago River has been awarded to the NATIONAL CONTRACTING CO., Security Bldg., Chicago, at $29,000.

✚Shermerville, Ill.—A contract for bridge work along the road of the Des Plaines Valley Ry. has been awarded to the CROWLEY-SALISBURY CONSTRUCTION CO., Davenport, Iowa, at $30,000.

Morton, Minn.—Bids will be received by the County Board of Renville County, at Olivia, until 3 p. m., Oct. 30, for bridge work requiring 100,000 lbs. of steel and 125 cu. yds. of concrete. B. C. McEwen is Chn. Co. Comrs.

North Bend, Neb.—The Commissioners of Dodge and Saunders Counties have applied to the State Board of Irrigation for state aid in building a bridge over the Platte River at North Bend. The cost of the structure is estimated at $68,800.

Kansas City, Mo.—The Board of Commissioners of the Metropolitan Street Ry. Co. have authorized the expenditure of $5,000 for repairing the Seventh St. viaduct. Bids for the work will soon be asked.

Kansas City, Mo.—We are officially advised that bids will be received in about three weeks for constructing a reinforced-concrete bridge 1,350 ft. long and estimated to cost $200,000. Waddell & Harrington, Kansas City, are Engrs.

***Angleton, Tex.**—See "Proposals."

Cotulla, Tex.—Bids will be received by the Commissioners of La Salle County until Oct. 19, for the construction of a steel highway bridge over Nueces River. The structure will be 80 ft. long with 16-ft. roadway and reinforced concrete abutments. C. C. Thomas, is County Judge, and W. H. Sylvester, Cotulla, Engr.

Albuquerque, N. Mex.—Bids were received by the Commissioner of Indian Affairs, Washington, D. C., Oct. 4, for the erection of two steel bridges across the Rio Grande River near the Isleta and San Felipe Indian Pueblos, N. Mex., as follows: Central States Bridge Co., Indianapolis, Ind., Isleta bridge, proposition No. 1, $28,417; No. 2, $27,236; No. 3, $29,917; No. 4, $27,986. San Felipe bridge, proposition No. 1, $12,746; 2, $12,150; 3, $12,996; 4, $12,450. El Paso Bridge & Iron Co., El Paso, Tex., San Felipe bridge, $14,420. Isleta bridge, $32,271. Missouri Valley Bridge & Iron Co., Denver, Colo., San Felipe bridge, proposition A, $17,927; B, $17,718; C, $17,606; D, $15,997; E, $15,050. Isleta bridge, proposition A, $38,443; B, $37,886; C, $35,736; D, $32,359; E, $31,214. Missouri Bridge & Iron Co., St. Louis, Mo., San Felipe bridge, $13,900 and $13,370. Isleta bridge, proposition 1, $29,525; for 8-in. joist add $775; using western white pine instead of yellow pine, $918; proposition No. 2, $28,112; 8-in. joist, add $775; using white pine instead of yellow pine, $982. Penn Bridge Co., Beaver Falls, Pa., San Felipe bridge, $15,487. Isleta bridge, $29,470; if awarded both bridges deduct $750. Minneapolis Steel & Machinery Co., Minneapolis, Minn., Isleta bridge, $32,474; San Felipe bridge, $16,254. Midland Bridge Co., Kansas City, Mo., Isleta bridge, proposition A, $30,375; B, $29,827; addition for 8-in. joist, $930; addition for 18-ft. roadway, $2,000. San Felipe bridge, proposition A, $14,609; B, $14,122; addition for 8-in. joist, $450; additional for 18-ft. roadway, $900. Noted Sept. 21.

Globe, Ariz.—A bridge to cost $12,000 will be erected over the Black River at Globe. Frank L. Gates is Clk. Bd. of Supervs.

Boise, Idaho.—Bids will be received by the State Engineer, Boise, until Oct. 21 for constructing a steel bridge at Blowout.

✚Portland, Ore.—Press reports state that a contract for constructing a 1,400-ft. viaduct over the tracks of the Southern Pacific at the Reed Institute, has been awarded to the PACIFIC BRIDGE CO. at $70,000.

Portland, Ore.—Plans have been prepared by Ralph Modjeski, Consult. Engr. for a 7-span bascule lift bridge, 70 ft. wide. Bids will probably soon be asked on the substructure.

Colusa, Cal.—Bids will be received by the Board of Supervisors until 11 a. m., Oct. 16, for constructing a concrete bridge over the south branch of Sand Creek.

✚Pasadena, Cal.—Press reports state that the contract for constructing a reinforced-concrete viaduct along Columbia St., has been awarded to MESMER & RICE, at $13,622. Noted Sept. 7.

✚San Bernardino, Cal.—Contracts for constructing two bridges have been awarded to the SECURITY CONSTRUCTION CO., at $4,150 and $11,797.

BUILDINGS.

(**Denotes that this work is advertised in Engineering News.*)

✚Randolph, Vt.—The contract for the general construction of a school at Randolph has been awarded to E. L. SAULT, of Randolph. The contract for installing a heating and ventilating system has been awarded to the AMERICAN WARMING & VENTILATING CO., Elmira, N. Y. The total cost is estimated at $50,000.

Boston, Mass.—Bids will be received to cost $50,000 for a for alterations hotel and restaurant at 7 Park Sq. for Geo. A. Dodge, 101 Tremont St. Charles H. Blackall, 20 Beacon St., is Arch.

Bids will be received until Oct. 19 by the School Department for erecting an elementary school on Magnolia St., Dorchester District. Chas. Logue is Chn. of comn.

A brick apartment block to cost $150,000, will be erected at the corner of Tremont and Benton Sts., Roxbury District. The structure will be 75 × 75 × 140 ft., six stories high. Joseph Altman, 9 Cambridge St., is owner and J. Clark Arch.

Brighton (Boston post-office) **Mass.**—An apartment block will be erected on Commonwealth Ave., Brighton, for William J. McDonald. To be of four stories, of brick and cost $200,000. John F. Spofford is Arch.

+Lowell, Mass.—The contract for the business block on Central St. for C. E. and W. J. Bradley has been awarded to C. P. CONANT. The structure will be of rough cut brick, with terra cotta trimmings, 291 × 60 ft. Ashton & Huntress are Archs.

Medford, Mass.—A 12-room addition to the high school at Medford is contemplated by the School Commission. Estimated cost, $100,000.

Worcester, Mass.—Bids will soon be received for the gymnasium for the Worcester Institute of Technology. The building will be 100 × 80 ft., two stories, of brick. Cost, $100,000. Clellan W. Fisher, State Mutual Bldg., is Arch.

A large addition to the State Normal School is to be built soon. Thos. B. Fitzpatrick, Brookline, is Chn. State Bd. of Education.

+The contract for the 4-story brick block at 6 Larkin St. for Jos. de Nubila, 121 Shrewsbury St., has been awarded to F. S. ROBBINS, 112 Front St.

+Providence, R. I.—The contract for the 4-story brick block to be built on Atnell's Ave. for Pasquale Picchione has been awarded to FAMIGILIETTI BROS., 215 Dean St. Potter & Fuyat, 152 Weybosset St., are Archs.

Mansfield Station (Mansfield Depot post-office), Conn.—Plans are being prepared by Ardworth & Woodworth, Archs., Norwich, for several buildings for the Connecticut Colony of Epileptics. It is planned to build two 40 type ward buildings to cost $60,000 each, also a dining hall and kitchen to cost $15,000, a central heating and power plant and equipment to cost $35,000 and a sewage disposal and water supply, each plant to cost $10,000. Z. R. Robbins, Norwich; W. P. Kelley, Killingly, and J. H. Mountain, Middletown, are members of the building committee.

New Britain, Conn.—Plans are being prepared by Unkelbach & Perry, Archs., for a store and apartment block at Main and North Main Sts. for Samuel Berkowitz. The building will be of brick with stone trim, three stories high, 130 × 45 ft.

+The general contract for the new 3-story brick block to be erected on Main St. adjoining the New Britain National Bank for M. C. Le Witt has been awarded to the CURTIS BUILDING CO. The structure will be 33 × 117 ft., with light colored pressed brick front and limestone trim. Noted Aug. 31.

+New Haven, Conn.—The SPERRY & TREAT CO., general contractors for the new $350,000 laboratory for Yale University, have awarded the sub-contract for the carpenter work to JAMES E. TODD. C. C. Haight, 452 Fifth Ave., New York, is Arch. Noted July 27.

D. G. CARMICHAEL, general contractor for the 9-story addition to the building of the First National Bank, on Church St., has awarded sub-contracts as follows: Plumbing and heating, the BUCKINGHAM-ROUTH CO.; electrical work, STEVENS & WAFER; structural steel, LEVERING & GARRIGUES CO.; elevators, OTIS ELEVATOR CO., New York. L. W. Robinson, 324 Exchange Bldg., is Arch. Noted July 13.

Plans are being prepared by Brown & Von Beren, 865 Chapel St., for the 10-story brick, steel and limestone store and office building to be erected on Church St. for C. W. Murdock. The estimated cost is $300,000.

New York, N. Y.—Bids will be received by Joseph Johnson, Fire Comr., until 10.30 a. m., Oct. 24, for furnishing all the labor and materials required for the erection and completion of a new building, for a Hook and Ladder Company, at 191 Fulton St., and for the erection and completion of a new building, for a double Hook and Ladder Company, on the southeast corner of 50th St. and Lexington Ave., and for the erection and completion of a new building, for a double Engine and a Hook and Ladder Company, on south side of E. 111th St., 80 ft. west of Second Ave., and for the erection and completion of a new building, for a double Engine and Hook and Ladder Company, on the northerly side of W. 181st St., 100 ft. east of Audubon Ave.

+New York, N. Y.—The contract for erecting the 10-story apartment at Manhattan Ave. and 115th St. for the Gorham Realty Co., has been awarded to RUDOLPH SONS, 406 East 109th St. Neville & Bagge are Archs. Noted Sept. 14.

Plans have been prepared by George W. Kramer, 1 Madison Ave., for the 2-story fireproof brick and stone church, 80 × 80 ft., to be erected at Bushwick Ave. and Madison St., for the Bushwick Avenue Central Methodist Episcopal Church. Charles Jones is Chn. Bldg. Com. The estimated cost is $60,000.

Plans have been prepared by G. M. McCabe, 96 Fifth Ave., for erecting a 12-story loft building, 100 × 142 ft., at 216 West 18th St., for the Monohan Express Co., 61 Greenwich Ave. The estimated cost is $400,000.

Plans are being prepared by Charles Schaefer, Jr., 1910 Webster Ave., for two 5-story flats, 50 × 81 ft., on the east side of Concord Ave., 50 ft. north of 151st St., for B. Benninson, 407 East 153d St., Boro. The Bronx. Estimated cost is $45,000 each.

Plans have been prepared by Robert E. Rogers, 5-7 East 42d St., for the 5-story apartment to be erected on the west side of Elm Place, near Fordham Road, Boro. The Bronx, for Isabella Warren. Bids will be taken on all contracts by the Architect. The estimated cost is $40,000.

New York, N. Y.—A 3-story brick, stone and steel building will be erected at Howard and Dumont Sts., Boro. of Brooklyn, for the Hebrew Home for the Aged. The estimated cost is $50,000.

Plans have been prepared for erecting a church at Eighth Ave. and Sixth St. for St. Saviors R. C. Church. The estimated cost is $75,000. Rev. James J. Flood is Rector.

Coronn, (L. I.) N. Y.—Bids for erecting Public School No. 92, Queens Boro., were received on Oct. 2 by C. B. J. Snyder, Supt. School Bldgs., as follows: Paul J. Exner Co., $146,250; Chas. H. Peckworth, $146,565; P. M. O'Brien, $147,700; H. C. Stowe Construction Co., $139,300; Chas. Wille, $143,980; Peter Cleary, $147,590; Bottsford-Dickinson Co., $148,790; Cockerill & Little, $157,157; James MacArthur Co., $141,900; T. A. Clarke Co., $151,700; Wm. J. Moran, Inc., $151,279; Richard E. Heningham, 1 Madison Ave., New York, $144,412; Frymier & Hanna, $138,300.

Syracuse, N. Y.—Plans have been completed by Merrick & Randall, Archs., Syracuse, for the proposed vocational high school. The estimated cost of the building is $278,451.

Plans are being prepared by Merritt C. Conway for a 7-story building on North State St., to be used for garage and industrial purposes. The cost is estimated at $80,000.

+White Plains, N. Y.—BEDFORD & PRESTON have been awarded the contract to erect a 4-story brick building for Brandes Bros., to take the place of the one recently destroyed by fire. The structure will contain stores and apartments and cost about $55,000. John C. Moore is Arch.

Buffalo, N. Y.—See item under Miscellaneous Contracts—Animal House, Buffalo, N. Y.

Kings Park (L. I.), N. Y.—Bids will be received by the State Commission in Lunacy, 53 Lancaster St., Albany, until 3 p. m., Oct. 25, for the construction, including heating, plumbing and electric work, of tuberculosis pavilions at the Kings Park State Hospital. T. E. McGarr is Secy. State Comn.

+Southampton (L. I.), N. Y.—The contract for erecting the hospital on Meetinghouse Lane for the Southampton Hospital Association, has been awarded to C. ELMER SMITH. The estimated cost is $40,000.

+Valatie, N. Y.—Bids will be received by Joseph F. Scott, Supt. State Prisons, Capitol, Albany, until noon, Oct. 25, for the construction, including heating, plumbing and electric work, of two cottages for inmates, at the State Farm for Women, Franklin B. Ware, Albany, is State Arch.

Newark, N. J.—Plans have been prepared by Edward V. Warren, 22 Clinton St., for a 5-story brick apartment building to be erected at Seventh and Roseville Aves. for Herman C. Schneider. The estimated cost is $50,000.

Somerville, N. J.—The lowest bid received for erecting a school at Somerville was that of Gunzelman & Cramer, at $41,000.

+Philadelphia, Pa.—The contract for constructing a synagogue for the Adath Jeshurun congregation has been awarded to CHARLES McCAUL CO., Tenth and Sansom Sts., Philadelphia, at $100,000. Noted Aug. 31.

Plans for the Thomas W. Evans Memorial Museum and Dental Institute have been prepared by John T. Windrim, Commonwealth Bldg. The structure will be erected at 40th and Locust Sts., at an approximate cost of $500,000.

Philadelphia, Pa.—Bids will soon be received for erecting a brick and reinforced warehouse on Race and Fifth Sts. C. P. Berger, Penn Sq. Bldg., is Arch. The estimated cost is $150,000.

Plans have been prepared by Carl P. Berger, Penn Sq. Bldg., for erecting an 8-story building, 70 × 170 ft., on Vine and Fifth Sts. for A. H. Hartung.

+Wilkes-Barre, Pa.—The contract for erecting the parochial school for St. Nicholas Church has been awarded to JOHN A. SCHMITT & SONS, Wilkes-Barre, at $140,000.

Baltimore, Md.—The Baltimore News Co., 318 West Baltimore St., has awarded the contract to the CONSOLIDATED ENGINEERING CO., Emerson Tower, Baltimore, to erect a 4-story warehouse at 427 North Calvert St. The structure will be of brick and stone and will cost about $40,000. Plans have been prepared by Owens & Sisco, Continental Bldg., Baltimore. Noted Sept. 28.

Washington, D. C.—The members of St. Martin's R. C. Church are contemplating the erection of an edifice at Capitol and T Sts., N. W. The estimated cost is $80,000. Rev. Eugene Hannon is Pastor.

+Washington, D. C.—The contract for erecting a brick residence at Massachusetts Ave. and 42d St. has been awarded to JOHN N. NOLAN, 1413 G St. N. W., at $20,000.

+The contract for erecting a 4-story bachelor hotel at 1703 New York Ave. has been awarded to LOUIS H. EMMERT, at $40,000.

Bids will be received by James Knox Taylor, Supery. Arch., Treas. Dept., until 3 p. m., Nov. 16, for constructing, including roof and ground surface drainage system, a 4-story building for the Bureau of Engraving and Printing.

+The contract for erecting the addition to the Gonzaga College has been awarded to the BOYLE-ROBERTSON CONSTRUCTION CO., at $50,000.

Norfolk, Va.—Bids will be received by F. S. Royster, at the office of Wm. Ferguson, Carlor & Taylor, until 4 p. m., Oct. 16, for erecting a 12-story office building at Granby St. and Monticello Ave. The estimated cost is $500,000.

+Richmond, Va.—The contract for erecting a 4-story brick, steel and concrete building on Tenth and Main Sts. for the Times-Dispatch has been awarded to the JOHN T. WILSON CO., INC., Mutual Bldg., at $90,000.

+Clarksburg, W. Va.—The contract for erecting a 10-story office building has been awarded to the THOMPSON-STARRETT CO., Chicago, Ill., at $350,000. Noted Aug. 24.

Newberry, S. C.—Bids will be received by James Knox Taylor, Supery. Arch., Treas. Dept., Washington, D. C., until 3 p. m., Nov. 10, for the construction complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring, and lighting fixtures) of the U. S. post-office at Newberry. Plans are on file at the office of the Supervising Architect.

Rock Hill, S. C.—Bids will be received by D. B. Johnson, Chn. Winthrop College, until noon, Oct. 24, for constructing the Winthrop College training school building.

Savannah, Ga.—Plans are being prepared by H. W. Witcover, Savannah, for a temple to be erected by the Masonic Temple Association. The estimated cost is $150,000. W. S. Pottinger is Secy.

Atlanta, Ga.—Two 10-story office buildings will be erected by Joel Hurt, one at Exchange Place and the other at Exchange Place, Edgewood Ave. and Ivy St. The estimated cost is $750,000.

Huntsville, Ala.—A hotel to replace the structure destroyed by fire will be erected by J. E. Penny, Birmingham. The estimated cost is $100,000. William C. Weston, First National Bank Bldg., Birmingham, is Arch.

Greenwood, Miss.—Plans have been prepared by R. H. Hunt, Chattanooga, Tenn., for a high school to cost approximately $40,000.

Jackson, Miss.—A 10-story hotel will be erected on the site of the Norvele Hotel by Carnes & Jones, Memphis, Tenn.

Berea, Ohio.—Plans have been completed for two new buildings for the German Wallace College. The estimated cost is $100,000.

Cincinnati, Ohio.—Plans for a 12-story addition to the Gibson House are being prepared by Gustave A. Drach, Union Trust Bldg.

+Cleveland, Ohio.—The contract for the inside structural steel work on the new City Hall has been awarded to the REPUBLICAN STRUCTURAL IRON WORKS CO., 1270 East 53d St., Cleveland, at $143,780. Noted Aug. 24.

The erection of a club house on Walnut St., is contemplated by the Loyal Order of Moose. The estimated cost is $100,000.

Columbus, Ohio.—Bradford & Chubb are preparing plans for the archaeological building to be erected at the Ohio State University. The estimated cost is $100,000.

+Dayton, Ohio.—The contract for constructing the auditorium building of the National Cash Register Co. has been awarded to the ROCHE-BRUNER BUILDING CO., Cincinnati. The estimated cost of the structure will be $100,000.

Bids will soon be received for erecting a Y. M. C. A. building which is to cost $300,000. Mrs. H. E. Palmer is Pres. Bd. Trustees.

East Liverpool, Ohio.—Plans have been prepared by Shattuck & Hussey, Chicago, Ill., and bids will soon be received for erecting a Y. M. C. A. building at East Liverpool. The estimated cost is $80,000.

Bucyrus, Ohio.—Bids will be received by tre State Adjutant General at Columbus, Ohio, Oct. 25, for the construction of an armory building at Bucyrus. Plans and specifications have been prepared by William M. Scofield, Arch., Cleveland, Ohio.

+Fort Wayne, Ind.—The contract for constructing a freight house for the Wabash R. R. has been awarded to BEERS-OFFCUT CONSTRUCTION CO., Fort Wayne, at $100,000.

Indianapolis, Ind.—Plans are being prepared by Vonnegut & Bohn, Archs., Indianapolis Trust Bldg., for the erection of a modern 6-story business block to be erected at Meridian and Georgia Sts. Bids will be solicited as soon as plans are completed.

Detroit, Mich.—Lewis Kamper, 703 Fine Arts Bldg., is preparing plans for a 2-story and basement residence, 46 × 78 ft., for D. J. Campan, 22 Campan Bldg. The estimated cost is $40,000.

Battle Creek, Mich.—C. W. Post, of the Postum Cereal Co., is contemplating the erection of a 6-story hotel to be erected on West Main St., at a cost of $250,000. Architects not selected.

Detroit, Mich.—Plans are being prepared by Albert Kahn and E. Wilby, Trussed Concrete Bldg., Detroit, for an 8-story and basement apartment building, 105 × 110 ft., to contain 65 apartments for the Charlotte Construction Co. The estimated cost is $150,000.

B. C. Wetze & Co., 404 Hammond Bldg., have awarded contracts for the 1-story and basement Carnegie Library, 70 × 110 ft., for the Library Com. as follows: General contract, JAMES BUCHANAN, 1406 14th Ave.; masonry, to OTTO MISCH, 62 Home Bank Bldg. The estimated cost is $40,000. Ralph Phelps, 17 Butler Bldg., is Secy. Comn.

Plans are being prepared by Goossen & Feldmann, 1220 Chamber of Commerce Bldg., Detroit, for a 2-story and basement residence, 66 × 55 ft., for T. H. Ruff to be erected in Arden Park. The estimated cost is $40,000.

Plans have been prepared by Baxter & O'Dell for a 3-story apartment building to be erected for Hart Bros. at Jefferson and Fisher Aves. The estimated cost is $70,000.

Jackson, Mich.—Plans are being prepared by Albert Kahn and E. Wilby, Trussed Concrete Bldg., Detroit, and Claire Allen, Assoc. of Jackson, for a new 10-story and basement office building. The estimated cost is $250,000.

Chicago, Ill.—Plans are being prepared by David Saul Klafter, 79 Dearborn St., Chicago, for a sanitorium for the Jewish Consumptive Relief Society of Chicago. The estimated cost is $50,000.

+The contract for erecting the office building for the Bell Telephone Co. has been awarded to the JAMES BLACK MASONRY CONSTRUCTION CO., St. Louis, Mo., at $1,050,000.

+Quincy, Ill.—The contract for constructing the Y. M. C. A. building has been awarded to BUERKIN & KAEMPER, Quincy, at $52,200.

Rock Island, Ill.—Plans are being prepared by George P. Stauduhar, 318 20th St., for a 3-story office building for Supreme Lodge Royal Neighbors of America to be erected on 16th St. The estimated cost is $75,000.

+Tuscola, Ill.—The contract for building the Douglass County Court-House has been awarded to W. M. ALLEN SONS & CO., Peoria, at $110,900. Other bidders were: L. M. Cope, Decatur, $113,390; J. L. Simmons, Chicago, $118,450; J. N. Fairchild, Danville, $117,965; Baird & Hoew, Urbana, $123,113; J. P. Moorehead, Tuscola, $123,000.

Waukegan, Ill.—A sanitarium will be erected by the Independent Order of Vikings on Deep Lake. The estimated cost is $40,000.

Urbana, Ill.—Bids will soon be received by J. M. White, Supery. Arch., University of Illinois, for constructing a school of commerce building and an addition to the woman's building. The estimated cost is $250,000.

+Dubuque, Iowa.—The contract for the construction of the foundation for the new St. Anthony Home for the Aged has been awarded to BYRNE & SAUL, Dubuque, at $25,000. The building is being built by the Sisters of Mercy. Buechner & Orth, St. Paul, Minn., are Archs. The cost complete will be $250,000.

+Davenport, Iowa.—The contract for erecting the St. Joseph Parochial School has been awarded to Ehmke & Herman. The estimated cost is $40,000.

Press reports are to the effect that a parochial school for the Sacred Heart Cathedral parish is to be erected at a cost of $60,000.

Minneapolis, Minn.—Bids will be received by the State Board of Control, State Capitol Bldg., St. Paul, until 2 p. m., Oct. 23, for the erection of new wings, roof house and auditorium and retaining wall for the main engineering building, University of Minnesota, Minneapolis, including the general contract work, plumbing work, heating and ventilating and the electrical work and fixtures. Plans are on file at the Builders Exchange, St. Paul.

Rochester, Minn.—Bids will be received by the State Board of Control until 2 p. m., Oct. 16, for the construction of a pressed brick and cut stone, fireproof isolation hospital at the State Hospital at Rochester. Plans have been prepared by C. H. Johnston, 715 Capital Bank Bldg., Rochester. The estimated cost is $50,000.

Winona, Minn.—The erection of a theater on Main St. is contemplated by Mott & Roesner, Mgrs. of the Princess Vaudeville Theater. The estimated cost is $50,000.

+Cloquet, Minn.—The contract for erecting the brick and stone Roman Catholic Church and parochial school has been awarded to EDWARD JACKSON, Bemidji, at $50,000.

St. Paul, Minn.—The construction of a new edifice is contemplated by St. Paul's Episcopal Church to be erected at Summit Ave. and Saratoga St. Work will start early in 1912. The new church will cost $100,000.

Bids will soon be received by the Sisters of Visitation for the construction of a 4-story pressed brick and cut stone convent to be built on Fairmount Ave. and Grotto St. Plans are being

prepared by the engineers in the offices of the Great Northern Ry. Co. James J. Hill is interested. The estimated cost is $100,000.

W. B. Hatton, Minneapolis, according to press reports, will construct a 10-story brick and stone, fireproof, hotel at St. Paul. Plans have been prepared by Kirby Snyder, Arch. The estimated cost is $250,000.

St. Cloud, Minn.—A convent will be erected by the Benedictine Sisters at St. Cloud. The estimated cost is $200,000.

Hastings, Minn.—The State Board of Control, P. M. Ringdal, Chn., on Oct. 6 awarded the contract for constructing Cottage No. 4, Cottage No. 5 and laundry building at the State Asylum at Hastings to N. P. FRANSEN & CO., 630 Endicott Bldg., St. Paul, Minn., at $76,833. Contract for heating was awarded to C. WILKIN & CO., Minneapolis, at $6,374; plumbing, to HEALY PLUMBING & HEATING CO., St. Paul, at $5,460; electric work, to ELECTRIC CONSTRUCTION CO., St. Paul, at $2,050. C. H. Johnston, St. Paul, is Arch.

Pittsburg, Kan.—The St. Louis & San Francisco R. R. Co. will erect a passenger and freight station at Pittsburg. The estimated cost is $50,000. F. G. Jonah, St. Louis, Mo., is Ch. Engr. Construction.

Great Falls, Mont.—A convent to cost $100,000 will be erected by the Ursuline Sisters at Great Falls.

Kansas City, Mo.—Plans have been prepared for the 14-story hotel to be erected by Dr. W. A. Harroun, at Grand Ave. and Tenth St. The estimated cost is $800,000.

✚St. Louis, Mo.—The contract for erecting the 3-story steel and brick building for Childs & Co. has been awarded to HAVEN & CO., Philadelphia, at $100,000.

✚Helena, Ark.—The contract for erecting a high school at Helena has been awarded to OLSON & LESH CONSTRUCTION CO., Memphis, Tenn., at $125,000.

Oklahoma City, Okla.—Plans are being prepared by Bailey & Bailey, Colcord Bldg., for a main building to be erected at Oklahoma Holiness College. The structure will be two stories high, 169 × 76 ft., of reinforced concrete construction and will cost $100,000.

Denver, Colo.—Improvements costing $50,000 will be made to the Brown Palace Hotel. C. H. Morse is Mgr.

Clifton, Ariz.—Plans will be received from architects by the Board of Supervisors for a $50,000 court-house.

***Fort Huachuca, Ariz.**—See item under Miscellaneous Contract—Stables, Fort Huachuca, Ariz.

Seattle, Wash.—Plans have been prepared by Howells & Stokes, Archs., White Bldg., for a 12-story reinforced-concrete steel frame 120 × 120 ft., Class "A" hotel, which will be erected on Fourth Ave. and University St. The estimated cost is $600,000.

Portland, Ore.—Plans are being prepared by Doyle, Patterson & Beach, Worcester Bldg., for a 10-story steel office building to be erected at Fifth and Washington Sts. A. Holtz, 711 Hoyt St., is interested.

Pendleton, Ore.—Bids were received on Oct. 6 by James Knox Taylor, Superv. Arch., Treas. Dept., Washington, D. C., for the construction of a post-office at Pendleton, as follows: Welch Bros., Portland, Ore., $70,000; Sound Construction & Engineering Co., Seattle, Wash., $81,111; Holladay & Crouse, Greensboro, N. C., $77,000; Campbell Building Co., Salt Lake City, Utan, $45,582; J. H. Wiese, South Omaha, Neb., $75,870; Stewart-Randall Construction Co., Oklahoma, Okla., $75,783; Dieter & Wenzel, Wichita, Kan., $75,551; Olsen & Johnson, Missoula, Mont., $75,575; Barnes Bros., Logansport, Ind., $78,900; Kieburtz, Smith & Rountree, Seattle, Wash., $98,760; Dillepsen & Gerring, Seattle, Wash., $109,131; G. H. Rush, La Grande, Ore., $84,707. Noted Sept. 7.

Los Angeles, Cal.—Plans have been prepared by Edelman & Barnett for an 11-story, Class A, office building to be erected at Fourth and Hill Sts. for the Black Fireproof Building Co. The estimated cost is $450,000.

Los Angeles, Cal.—Plans have been prepared by A. B. Benton, 114 North Spring St., for the Mary Andrews Clark Memorial Home for Working Girls, which is to be erected on Loma Drive by Senator W. A. Clark. The estimated cost is $180,000.

Los Angeles, Cal.—Plans are being prepared by Le Claire & Pitzer, 413½ South Hill St., for a 3-story, 120 × 64 ft., apartment house to be erected on 27th St. for Jacob Gold. The estimated cost is $124,000.

Oakland, Cal.—Benj. G. McDougall, Arch., Sheldon Bldg., is preparing plans for several concrete buildings to be constructed at a cost of $500,000 by the Westinghouse Electric Co.

Alturas, Cal.—The erection of a court-house is contemplated by the Board of Supervisors. The estimated cost is $72,000.

✚San Diego, Cal.—The contract for erecting a 6-story and basement reinforced-concrete store and hotel for J. D. Spreckels has been awarded to the F. O. ENGSTROM CO. Harrison Albright is Arch., Homer Laughlin Bldg., Los Angeles. The structure will cost $375,000, will be 100 × 200 ft., equipped with two electric passenger elevators, vacuum and steam heating systems, freight and sidewalk elevator.

A. P. SHIELDS & SON will erect the Y. M. C. A. building on a percentage basis. The estimated cost is $150,000. G. W. Kelham is Arch.

Santa Monica, Cal.—Allison & Allison, Archs., Union Trust Bldg., are preparing plans for the new high school group to be erected at Santa Monica. The group will consist of three buildings, the construction of which will be of tapestry brick. The academic building will be 260 × 200 ft. The Fine Arts building will be 34 × 196 ft. All structures will be two stories. Hot air heating and ventilating systems; also a vacuum cleaning plant will be installed. The structures will cost $175,000 and the equipment will cost $41,000.

Los Angeles, Cal.—Plans and specifications for the construction of a tuberculosis ward building at the Soldiers' Home have been completed and are ready for estimates. Bids will be received until noon, Oct. 25, at the home. Major E. W. Moore is Treas.

Charles W. Vonder Kuhlen, 401 S. Fremont Ave., is preparing plans for a 4-story and basement Class C apartment house to be erected at Shatto and Valencia Sts. It will be 62 × 140 ft. The estimated cost is from $50,000 to $60,000.

✚JAMES A. HILL, 1317 W. 11th St., was awarded the contract at $2,780 for excavating the site at 48 Hill St. for the 11-story fireproof building for the Black Fireproof Building Co., 60 × 165 ft., to cost $450,000. Edelman & Barnett, Blanchard Bdg. are Archs.

The Baroness von Zimmerman has purchased a 10-acre site at Beverly Hills and will erect a residence to cost from $75,000 to $100,000.

San Jose, Cal.—W. H. Weeks, Arch., 231 Kearny St., is preparing working drawings for the construction of an 8-story, steel frame store and office building to be erected on Post St. The exterior of the building will be pressed brick and terra cotta. The estimated cost is $100,000.

Santa Rosa, Cal.—The Santa Rosa Elks Hall Association will erect a hall costing $100,000.

Vallejo, Cal.—Bids will be received until 11 a. m., Nov. 11, by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for quarters for magazine attendants at the U. S. Naval Magazine, Mare Island, Vallejo, Cal. R. C. Hollyday is Ch. of Bureau. Specifications are on file at the ofice of Engineering News, New York.

✚Quebec, Que.—The contract for constructing the Quebec terminal depot of the National Transcontinental Ry. has been awarded to JOSEPH GOSSELIN, Bevis, Que., at $745,000.

Hamilton, Ont.—E. N. Hunter, Detroit, Mich., is preparing plans for an edifice to be erected by the First Methodist Church. The estimated cost is $41,000.

Windsor, Ont.—The Windsor Board of Education will receive competitive plans before Nov. 15 for constructing a 12-room school. The estimated cost of the building is $40,000. Alex. Black is Secy.-Treas.

WATER SUPPLY—IRRIGATION.

(✚*Denotes a contract awarded.*)

Boston, Mass.—Bids will be received until Oct. 17 by the Public Works Department for laying 2,250 ft. of 36-inch water pipe in Washington and Sanford Sts., Dorchester District. Louis K. Rourke is Comr. Pub. Wks.

Littleton, Mass.—A system of driven wells is proposed, together with a stand pipe to contain 275,000 gallons, 35 × 40 ft., of steel. A pumping station also is proposed. About $50,000 will be spent. Lewis D. Thorpe, 201 Devonshire St., Boston, is Consult. Engr.

Norwood, Mass.—Work is about to be begun on additional water-works. A steel tank to contain 1,000,000 gallons, 60 ft. diameter, 55 ft. high, and a pumping station are among the works proposed. About $80,000 is to be spent. Lewis D. Thorpe, 201 Devonshire St., Boston, is Consulting Engr.

Fort Ann, N. Y.—Surveys are completed and plans are now being prepared by W. H. Reynolds for the construction of a water system.

***New York, N. Y.**—See item under "Proposals."

New York, N. Y.—A Correction.—We are officially advised that the total of the bid of the Degnon Contracting Co. for Water Supply Contract No. 103, Catskill Aqueduct, was over $5,000 more than noted on Oct. 5 under "Water Supply Irrigation" and "Contract Prices." The correct total is $389,317, making that company's bid higher than the bid of the United Engineering Contracting Co., at $389,275.

The contract for Contract 100, for the construction of Croton blow-off, in the Croton division of Southern Aqueduct Department on the shore of Croton Lake, Town of Yorktown, Westchester County, has been awarded to the STOBAUGH CONTRACTING CO., 1 Madison Ave., New York, at $41,572. Bids were opened by the Board of Water Supply on Sept. 26. List of bidders and itemized bids were noted on Oct. 5.

The Board of Water Supply on Oct. 5 awarded the contract to the BEAVER ENGINEERING & CONTRACTING CO., New York, for Contract 103, for the construction of a portion of the Queens Conduit, a portion of the city pipe lines of the Catskill Aqueduct, extending from near the junction of Willoughby Ave. and Broadway, Brooklyn, along Willoughby and Evergreen Aves., Troutman St., Flushing Ave., Grand St. and Fisk Ave., Queens Borough, at $344,053. Bids were opened on Sept. 26. List of bidders and itemized bids were noted on Oct. 5.

✚The contract was awarded on Oct. 5 to the SWEENEY & GRAY CO., Long Island City. (L. I.), N. Y., for Contract 113, for test pits and borings on the site of the proposed Silver Lake Reservoir, situated about one-half mile west of Tompkinsville and about two miles by trolley from St. George Ferry, Staten Island, Boro. Richmond, at $4,745. Bids were opened on Sept. 26. Noted on Oct. 5.

New York, N. Y.—Henry S. Thompson, Comr. Water Supply, Gas and Electricity, has filed with the Board of Estimate and Apportionment a map showing the route of the 7-mile pipe line to carry the proposed additional supply of water for New York City from the Ten-Mile River, in Dutchess County, to the Croton Watershed.

Oaklyn, N. J.—The State Public Utility Commissioners, Trenton, N. J., have ordered the United Water Co. to install a system of water mains in the Borough of Oaklyn.

Plainfield, N. J.—The Water Commission has engaged James H. Fuertes, Consult. Engr., 140 Nassau St., to prepare plans for the installation of a municipal water-works system.

Martinsburg, Pa.—The borough is planning to construct a water-works system. Estimated cost, $20,000. J. L. Henry, of Hollidaysburg, Pa., is Engr.

Wampum, Pa.—Bids will be received by the Borough Council until Oct. 15 for the construction of a water-works system. F. M. Butler, of New Castle, Pa., is Engr.

Barnesboro, Pa.—B. Crighton, Consult. Engr., Title & Trust Bldg., Johnstown, Pa., has completed plans and bids are being received for the installation of a reinforced concrete reservoir for the town.

Erie, Pa.—The city has engaged Chester & Fleming, Pittsburgh, Pa., Consult. Engrs., to prepare plans for the installation of a new 20,000,000-gallon pump at the water-works.

Pottsville, Pa.—The Pottsville Water Co., Pottsville, is preparing plans for the construction of a reservoir in Indian Run Valley, about one mile west of its present reservoir.

Albemarle, N. C.—Plans are being prepared by Gilbert C. White, Consult. Engr., Charlotte, N. C., and Durham, N. C., for the construction of new water-works for the city, including pipe line, electrically-driven turbine pumps, tower and tank and reservoir. The source of the supply will be an artesian well. Contract wil be let about Dec. 1. Estimated cost, $40,000.

Kingstree, S. C.—Plans are being prepared by J. N. Johnston, Consult. Engr., Florence, S. C., for the construction of a water-works and sewerage system here, including boilers, service-pumps, tower and tank, reservoir, hydrants, valves and four miles of 8, 6 and 4-in. mains, three miles of terra cotta sewers, and reinforced-concrete disposal plant. Estimated cost, $42,000.

Macon, Ga.—The Water Commissioners on Oct. 2 took over the water-works plant of the Macon Gas Light & Water Co., for a consideration of $699,000. An appropriation of $201,000 has been made for improvements and extensions. W. H. Fetner is Chn. Bd.

Zebulon, Ga.—The J. B. McCrary Co., Empire Bldg., Atlanta, Ga., is preparing plans for the construction of a water-works system.

Newnan, Ga.—Contract was not awarded on Sept. 27 by the Water and Light Commission for relaying 1,400 ft. of 4-in. c.-i. pipe with 8-in. and laying 3,000 ft. 4-in. c. i. water mains. New bids will be asked. W. B. Pringle is Secy.

Pensacola, Fla.—The city has decided to make extensions to the water-mains. Estimated cost, $40,000.

Jacksonville, Fla.—The city has voted bonds for building, extending and improving the water-works. Water mains will be extended and a pump installed at the main station at a cost of $40,000. W. M. Bostwick is Chn. Bd. of Bond Trustees.

Scottsboro, Ala.—The city is considering the construction of a water-works system. The J. B. McCrary Co. is Engr., Empire Bldg., Atlanta, Ga.

✚Knoxville, Tenn.—The Water Works Commission has awarded the contract for furnishing two new boilers at the pumping station to C. M. McCLUNG & CO., of Knoxville, at $5,700.

Jellico, Tenn.—Bids will be received until 2 p. m., Nov. 1, by the Board of City Commissioners for furnishing any or all machinery or materials and separately for the construction of gravity water-works system, comprising 12½ miles of 3 to 10-in. mains, with hydrants and valves, and a 500,000-gallon reinforced-concrete reservoir. W. G. Kirkpatrick is Engr., Jackson, Miss. Noted on Oct. 5.

Scottsburg, Ky.—The construction of a water-works systed here is under consideration.

New Concord, Ohio.—J. T. Fairchild, Consult. Engr., Cambridge, Ohio, is preparing plans for the construction of a reservoir and pumping station.

Cincinnati, Ohio.—The Superintendent of Water-Works has recommended to the City Council the installation of a filtration plant and a settling basin.

New London, Ohio.—The New London Water Co. has been incorporated with a capital of $35,000 to operate a water-works system. The incorporators are: G. M. Cummings, David, John M. Garfield, J. F. Frank H. Gin.

Cleveland, Ohio.—The Water Works Department is asking for bids for equipment for the high-pressure pumping station.

Zanesville, Ohio.—The City is considering extending mains, relaying water-pipe in Bright W. C. Waters is Pres. Council.

Morton Grove., Ill.—Edward A. Rossiter, Consult. Engr., Chicago, Ill., is preparing plans for the installation of a water-works system here.

Fairfield, Ill.—The Fuller Engineering Co., Chemical Bldg., St. Louis, Mo., has been engaged by the City Council to make preliminary surveys for the installation of a water-works system.

Normal, Ill.—The citizens have voted to issue bonds for $15,000 for the construction of a new water-works system.

Chicago, Ill.—Bids will be received by the Department of Public Works until 11 a. m., Oct. 16, for furnishing and delivering to the various pipe yards 100 tons of special castings for c. i. water pipe. L. E. McGann is Comr. Pub. Wks.

Watseka, Ill.—Bids will be received by the Board of Local Improvements until 2 p. m., Oct. 12, for an extension to the water-works system.

St. Charles, Ill.—We are officially advised that bids will be received about Nov. 1 by the city for 1,930 ft. of 4-in. and 9,160 ft. of 6-in. c.-i. pipe, 21 hydrants, nine gate-valves, 6,000 lbs. of special castings, pipe to be laid 5½ ft. deep. G. N. Lamb is Engr., St. Charles.

✚New Lisbon, Wis.—The contract has been awarded to the CENTRAL CONSTRUCTION CO., of Oshkosh, Wis., for the construction of the electric light and water-works plant by the city. The contract includes a complete light and water plant, a 75,000-gallon steel tank 120 ft. from bottom.

Fond du Lac, Wis.—The contract for the construction of a new well on the grounds of the county asylum has been awarded to the W. H. CATEH CONTRACTING CO., 2720 West Monroe St., Chicago, Ill., at $2.25 per ft.

***South Wayne, Wis.**—See item under "Proposals."

Brockton, Iowa.—The city is considering the installation of a water-works plant. Estimated cost, $16,000.

Grand Junction, Iowa.—The Des Moines Bridge & Iron Works, of Des Moines, Iowa, will prepare plans for the construction of a $100,000-gallon steel tank and tower. Estimated cost, $5,000 or $6,000.

Gravity, Iowa.—The town is considering the installation of a water-works system for fire-protection.

Indianola, Iowa.—The City Council is planning to sink several wells and construct a 750,000-gallon reservoir.

Oskaloosa, Iowa.—The County Board has rejected all bids for the construction of a water system at the County Home. New plans will be prepared.

New London, Iowa.—The Village Board of New London has had plans prepared for the construction of the proposed new water-works system.

Crosby, Minn.—The Crosby Water, Light & Power Co. has been formed with a capital of $50,000 by William P. Harrison, Francis H. DeGroat and Grace Weiss, all of Duluth, Minn., to install a water and power plant here.

Rush City, Minn.—The contract for laying water mains and installing hydrants in Fourth St. has been awarded to FRASER & DANFORTH, St. Paul, Minn., at 89 cts. per ft.

Grand Rapids, Minn.—Bids will be received by the Water, Light, Power and Building Commission until 8 p. m., Oct. 20, for the construction of a water tower and tank. Q. L. Trask is Clk., W. B. Patton is Engr., Duluth, Minn.

Mound City, Kan.—The city will spend about $20,000 for improvements to the water system. J. S. Worley Co., Kansas City, Mo., are Engrs.

Bassett, Neb.—The town is considering the installation of a water-works system.

✚Beatrice, Neb.—The contract for constructing the reservoir has been awarded to G. M. TICE, of Council Bluffs, Iowa, by the city, at $6,180. W. T. Field is Engr., Beatrice.

Bellevue, Neb.—The Towl Engineering Co., Bee Bldg., Omaha, Neb., is preparing plans for a water-works system at Bellevue, to cost $20,000.

Bennington, Neb.—The Alamo Engine & Supply Co., of Omaha, is preparing plans for the construction of a reservoir to cost about $7,000.

Leigh, Neb.—E. M. Nelson, Village Clk., will receive bids until Oct. 23 for sinking an artesian well.

Alliance, Neb.—We are officially advised that bids were received as follows on Sept. 30 by the city for the construction of a building and the installation of machinery for the Light and Water Department: J. R. Lehmer, Omaha, Neb., $13,434. Stearns-

Rodgers Mfg. Co., Denver, Colo., $16,-762. **Johnston Electric Co.**, Omaha $12,402. **Allis-Chalmers Co.**, Milwaukee, Wis., $13,919. **Minneapolis Steel & Machinery Co.**, Minneapolis, Minn., $14,900. **ENGLISH TOOL & SUPPLY CO.**, 408 West Fifth St., Kansas City, Mo., $12,154 (awarded contract).

Plattsmouth, Neb.—The Plattsmouth Water Co., of Plattsmouth, will improve its system, including a new pumping station and pumps, engines and sinking additional wells.

Vermilion, S. Dak.—Bids will be received until 8 p. m., Oct. 16, by C. I. Vaughn, City Audr., for the construction of a pumping plant. Plans and specifications are on file at the office of the Missouri Engineering Co., Engr., Mitchell, S. Dak.

Dell Rapids, S. Dak.—Westinghouse, Church, Kerr & Co., New York, have been employed to make a survey across Little Bend Ranch, in Sully County, for an irrigation system for farm land in Stanley, Hughes and Sully Counties. D. Robins, of Pierre, S. Dak., is interested.

Newell, S. Dak.—We are officially advised that bids were received as follows on Oct. 2 by the U. S. Reclamation Service, Belle Fourche, S. Dak., for constructing approximately 1,665 lin. ft. of 36-in. and 2,227 lin. ft. of 42-in. wood stove pipe near here. PACIFIC COAST PIPE CO., 4515 14th St., N. W., Tacoma, Wash., $5,013 (awarded contract); Washington Pipe & Foundry Co., $5,678; Portland Wood Pipe Co., $6,718.

Rapid City, S. Dak.—The citizens on Sept. 26 voted to construct a waterworks system. James Hartgerin, of Rapid City, is Engr.

Sioux Falls, S. Dak.—The citizens have voted to issue $100,000 of bonds for the extension of the municipal water-works system to suburbs of the city.

Washburn, N. Dak.—Bids for the construction of about 3,200 lin. ft. 6-in. water mains, will be received by the City Council until 8 p. m., Oct. 23. Plans, specifications, etc., are on file at the office of the City Auditor. H. S. Westmiller is City Audr.

†Huntley, Mont.—The Secretary of the Interior has awarded the following contracts for earth work and structures on the extension of the Main and High Line Canal, Huntley Irrigation Project, Mont.: To J. E. HILTON, of Manhattan, Mont., for earth work involving the excavation of approximately 185,000 cu. yds., at $29,085; to J. S. HILEND, of Cowley, Wyo., for structures, except syphons, at $32,549. List of bidders noted on Sept. 28.

Boonville, Mo.—The city has voted $10,000 of water-works bonds.

Bowling Green, Mo.—The city is considering issuing bonds for the construction of water-works and sewers.

†St. Louis, Mo.—The Board of Public Improvement has awarded the contract to JOSEPH S. HAUSMANN for laying pipe at $22,582.

Fort Sam Houston Tex.—Bids for extensions to the distributing system here were received by P. W. Guiney, Constructing Q. M., U. S. A., on Sept. 26, as follows: Chalkley Bros., San Antonio, Tex., $7,058; Theo. Machenheimer, San Antonio, $7,183; A. H. Shafer, San Antonio, $6,778; William G. Schuwirth, San Antonio, $6,449; Leiber Bros., San Antonio, $7,275.

Dallas, Tex.—The City Commission has let the contract to the HARRIS AIR PUMP CO. to equip three wells in Oak Cliff with pumping machinery.

Gonzales, Tex.—J. S. Lewis will install a large irrigating pumping plant near here to provide water for 500 acres of land.

Port Lavaca, Tex.—W. E. Schell & Co. will soon begin the installation of a complete system of water-works here and will develop an artesian supply of water for the purpose.

†Bokchito, Okla.—The city has awarded the contract to GEORGE ERICKSON, of Durant, Okla., for constructing the water-works plant, including pump-house and steel tower, at $11,380.

†Fowler, Colo.—The McDOWELL CONSTRUCTION CO., of Lamar, Okla., it is reported, has been awarded the contract by the Omer Irrigation District for the construction of an irrigation system to include a dam across Anishapa River, and the construction of a storage reservoir for flow water which will have a capacity of 20,000 acre ft.

Kersey, Colo.—The city is considering the installation of a water-works system.

Alamogordo, N. Mex.—The Alamogordo Improvement Co. will construct a reservoir in La Luz Canyon sufficient to irrigate 18,000 acres of land.

Santa Rosa, N. Mex.—H. B. Jones will construct a dam across Los Tanos Creek to form a water storage reservoir for irrigating 10,000 acres of land.

Weiser, Idaho.—The City Council has engaged the Weiser Engineering Co., of Weiser, to prepare plans for the construction of a water-works system, including seven miles of pipe.

Beaver, Utah.—The Beaver City Water-Works Co., of Salt Lake City, Utah, has been incorporated with a capital stock of $100,000, to construct a water-works system to supply water to Beaver, Beaver County.

†North Yakima, Wash.—The contract has been awarded to the INTERNATIONAL CONTRACT CO., Central Bldg., Seattle, Wash., by the city, for constructing reinforced concrete pipe and auxiliary fire hydrants in Sixth Ave., at $25,290, starting at the intake through Modern Addition down Sixth Ave. to Broadway.

Wapato, Wash.—The Council will receive bids until 8 p. m., Oct. 25, for furnishing all material and labor necessary for the construction of a 10-in. drilled well and concrete pump pit.

Leavenworth, Wash.—The City Council is considering issuing bonds for $50,000 for the construction of a water system.

Bend, Ore.—The Suttles Lake Improvement Co. has filed articles of incorporation with the County Clerk of Brown County, with capitalized stock of $49,800, and will have its principal office at Bend. The company proposes to store the waters of Lake Creek by means of a reservoir.

Falls City, Ore.—The city has voted to issue $5,000 of bonds for extensions to the water system.

Springfield, Ore.—The Oregon Power Co. is considering making improvements to the water-works plant here. It is planned to change the source of supply from the Booth-Kelly Lumber Co.'s log pound to the intake of the pond, where there is running water, rebuild the pipe line from the reservoir on the hill, and reline the reservoir and lay new mains.

Orange, Cal.—The City Council is considering a bond issue for $56,000 for improvements and extensions to the water system, including boiler, reservoir, hydrants, etc.; $5,000 for electric fire-alarm system, hose, hose-carts, engine and ladders. C. H. Hallman is City Clk.

Wilmington, Cal.—The Vaughn-Middleton Co. has decided to install a water system on a tract of land in Compton Ave.

Brawley, Cal.—The Imperial Irrigation District is considering an issue of $20,000 of bonds for surveying extensions to canals and acquiring information relative to the headworks at Colorado River.

†Tracy, Cal.—We are officially advised that the contract for the construction of the water system has been awarded by the city to the WESTERN ENGINEERING & WATER SUPPLY CO., at $26,292. Bids were opened on Sept. 28. Sloan & Robson are Engrs., Nevada Bank Bldg., San Francisco, Cal.

Tulare, Cal.—The city proposes to construct a water-works system.

Montreal, Que.—The City Engineer on Sept. 22 submitted to the Board of Control a report on the cost of improvements on the Carleton Road reservoir to cost $86,710, including the construction of a concrete retaining wall between Carleton and McGill University grounds at a cost of $19,210; demolition and the reconstruction of the present retaining wall of the reservoir, $11,000; replacing the wooden manholes on top of the wall by iron gratings, along Carleton Road, $3,000; and the reconstruction of coping of reservoir wall, $3,500.

†Montreal, Que.—Three bids were received on Oct. 3 by the Board of Control for the construction of Contract 3, pre-filters, of the proposed filtration plant. The F. H. McGuigan Co., of Toronto, Ont., submitted the lowest bid at $485,000.

High River, Alta.—Bids for constructing the water-works and sewer system from plans of Chipman & Powers, of Winnipeg, Man., and Toronto, Ont., will probably be received next month. Estimated cost, $125,000.

†Edmonds, B. C.—It is reported that W. A. Kennedy, 744 Hastings St., West, Vancouver, B. C., has withdrawn from the contract for laying steel pipe in Edmonds, and that the contract has been awarded to the next lowest bidder, the MUNCIPAL CONSTRUCTION CO., 319 Pender St. West, at $109,000.

Vancouver, B. C.—Bids for A. C. water meters wil be received by D. G. Tate, City Clk., until 5 p. m., Oct. 25, for the supply of meters for a period of one year from Nov. 1, 1911, to Oct 31, 1912.

SEWERAGE.

(*Denotes that this work is advertised in Engineering News.)

Boston, Mass.—Bids will be received until Oct. 17 by the Public Works Department for sewers in St. James Ave. and Providence St. Louis K. Rourke is Comr. of Pub. Wks.

Sea Cliff, N. Y.—The Board of Village Trustes is considering the construction of a sewer system at an estimated cost of $120,000. Clyde Potts, 30 Church St., New York, is Consult. Engr.

Cornwall, N. Y.—The question of establishing a sewer system in this village is being agitated.

Oswego, N. Y.—The Common Council has approved and sent to the State Department of Health for its approval plans for new sewers prepared by T. C. Hatton, Wilmington, Del. The cost is estimated at $182,000.

Bloomfield, N. J.—The Town Council is considering the construction of sanitary sewers in various streets. Raymond F. Davis is Town Clk.

Rutherford, N. J.—Bids will be received by the Mayor and Council of the Borough of Rutherford until 8 p. m., Oct. 13, for the construction of a lateral sanitary sewer in Spring St., from near Highland Cross to East Passaic Ave., and in East Passaic Ave., to connect with the sewer in Meadow Road. Plans and specifications may be examined and information and blank forms of proposals obtained at the office of F. A. Steadman, Boro. Clk.

†Bradley Beach, N. J.—A contract for extending the sewer system of Bradley Beach has been awarded to the MONMOUTH CONTRACTING CO., Red Bank, N. J., at $11,664.

Harrisburg, Pa.—The lowest bid received for constructing intercepting sewers along Paxton Creek was submitted by the Stucker Bros. Construction Co., Harrisburg, at $9,865.

Huntington, W. Va.—See item under Streets and Roads.

Jacksonville, Fla.—Bonds for $195,000 have been voted, for extending the sewer system.

Jellico, Tenn.—Bids will be received by the Board of Commissioners until 2 p. m., Nov. 1, for constructing 5.7 miles of 8 to 15-in. pipe sewers. Specifications may be obtained from W. G. Kirkpatrick, Engr., Jackson, Miss. A. B. Mahan is Secy. of Bd.

***Louisville, Ky.**—See "Proposals."

Canton, Ohio.—The lowest bids received for sewer construction were as follows: Section 1, L. D. Burd, $5,262; Section 2, Turnbull & Son, $4,687; Section 3, Calvin Turnbull, $5,350; Section 4, Vissoe & Dessimone, $6,027; Section 5, Peter Christiansen, $5,300. Noted Sept. 28.

Marietta, Ohio.—Bids will be received by Edward Meisenhelder, Dir. Pub. Ser., until noon, Oct. 16 for constructing a sanitary sewer in Seventh St., from Tupper to Putnam Sts.

Marion, Ohio.—Bids will be received by the Director of Public Service until noon, Oct. 18, for furnishing the necessary labor and material for constructing a sanitary sewer and storm-water drain on Monroe St., from Silver St. north to the Railroad right-of-way, according to plans and specifications on file at the office of the Director. Charles M. Tobin is Clk.

Akron, Ohio.—The City Council has passed an ordinance ordering a bond issue of $60,000 to be used in covering the main sewer from the city to the Cuyahoga River and in making a new outlet.

†Dayton, Ohio.—Press reports state that ac ontract for sewer construction has been awarded to BOYD & COOK, Dayton, at $21,450.

Xenia, Ohio.—The city is considering the constrrction of a sewage disposal plant estimated to cost $40,000.

†Muskegon, Mich.—A contract for sewer construction has been awarded to E. W. KRUGER, Muskegon, at $12,-368.

***Hammond, Ill.**—Bids will be received by the Board of Local Improvements until 2 p. m., Oct. 24, for the construction of an underground system of drainage. Estimated cost, $1,-237. Plans may be seen at the office of the Village Clerk, Hammond Ill., or at the office of W. J. Day, Engr., Bement, Ill.

Burlington, Iowa.—We are officially advised that the contract for constructing a sewer in Grove St. was awarded Oct. 5 to F. W. GUENTHER, at 60 cts. per lin. ft. for sewer complete, and $1.50 per cu. yd. for rock excavation. Noted Oct. 5.

Duluth, Minn.—Bids will be received by the Board of Public Works, Olof G. Olson, Pres., until 10 a. m., Oct. 13, for constructing sanitary sewers in various streets. R. Murchison is Clk. of Bd.

Brainerd, Minn.—Bids will be received by V. N. Roderick, City Clk., until 8 p. m., Oct. 16, for constructing Lateral Sewer N in Sewer District No. 1.

Duluth, Minn.—The lowest bid received for constructing storm-water sewers on 20th Ave., and other streets, was submitted by C. R. McLean, at $6,150.

Proctor, Minn.—Plans and specifications are being prepared by James G. Lawson, C. E., for a sewer system. The system will drain the residence and business districts, and this will be centered into a main trunk sewer, which will run to the south of the village and empty into large septic tank and filtering beds. The cost is estimated at $75,000.

Stillwater, Minn.—The city is considering the construction of an outlet for the sanitary sewer on South Second St.

St. Paul, Minn.—Oscar Claussen, City Engr., advocates the construction of trunk sewers to cost $577,500.

†Virginia, Minn.—The contract for constructing a sanitary sewer has been awarded to C. C. BUTLER, at $9,270.

Nelson, Neb.—Bids will be received by the City Clerk until Oct. 16 for a sewer system according to plans prepared by Bruce & Standeven, Bee Bldg., Omaha, Neb.

Schuyler, Neb.—Bids will soon be asked for a sewer system estimated to cost $60,000. Bruce & Standeven, Bee Bldg., Omaha, are Engrs.

Scottsbluff, Neb.—Plans are being prepared by Bruce & Standeven, Bee Bldg., Omaha, for a sewer system at Scottsbluff.

Sioux Falls, S. Dak.—Bonds for $200,-000 have been voted for improving and extending the sewer system.

Kansas City, Mo.—Bids will soon be asked for constructing a section of the main sewer along the north side of Brush Creek from Tracy Ave. to a temporary outlet in Brush Creek at Jackson Ave., a distance of about three miles.

St. Louis, Mo.—We are officially advised that the bids received Oct. 6 for constructing the First Section of the Rock Creek Joint District Sewer were as follows: Hoffman-Hogan Construction Co., 2712 Wyandotte St., St. Louis, $169,827; John F. McMahon, $257,733; Fruin-Colnon Contracting Co., $180,-689; Southern Construction Co., $172,-166; Bambrick Bros. Construction Co., $291,186. Jas. A. Hook is Asst. Sewer Comr. Noted Sept. 28.

Kansas City, Mo.—Plans for the Brush Creek Sewer have been approved by the Board of Public Works. The sewer will be of reinforced or monolithic concrete, or brick, and will extend from Tracy Ave. and 42d St. along Brush Creek, to a point between Cleveland and Jackson Aves., where it will empty into Brush Creek. The cost is estimated at $111,000. James P. Tillhof is Supt. Sewerage, and Louis R. Ash, City Engr.

†Kansas City, Mo.—Press reports state that a contract for constructing a sanitary sewer has been awarded to the BOYD CONSTRUCTION CO., at $61,720.

Osceola, Ark.—Plans have been prepared by Pride & Fairley, Osceola, for a sewer system to cost $20,000. S. L. Gladish is Sewer Comr.

†Dallas, Tex.—The City Commission has awarded a contract to the DALLAS HOME IMPROVEMENT CO. for laying a storm sewer on Wabash Ave. and Worth St., between Crutcher and Hill Aves., a 6-in. sanitary sewer in an alley between Corinth and Ferris Sts., from Bourbon to Orleans St., and a 6-in. sanitary sewer in Cottage Lane from Crockett to Leonard St.

Weiser, Idaho.—Plans are being prepared for constructing about twelve miles of sewers. R. J. Wood is City Engr.

Los Angeles, Cal.—The Board of Supervisors of Los Angeles County have adopted a resolution for the construction of a storm-water protection district along the San Gabriel River, and bids for the work will probably be called for early in November. The work consists of driving piles to be strung with wire and building dikes along the banks of the river. The estimated cost is $500,000.

Imperial, Cal.—The city is considering the construction of a sewer system to cost $27,000. Irvin Maupin is City Clk.

†Pomona, Cal.—The contract for constructing a sewer in North Park Ave. has been awarded to L. FLEMING, at $1.35 per lin. ft.

†Venice, Cal.—The City Council has awarded a contract for constructing a sewer on Sixth Ave., from Brooks Ave. to Rose St. to BRAUN, BRYANT & AUSTIN at $5,300. Noted Sept. 21.

Montreal, Que.—Bids will be received by the Board of Commissioners until noon, Oct. 18, for constructing sewers. L. N. Senecal is Secy.

STREETS AND ROADS.

(*Denotes that this work is advertised in Engineering News.)

Boston, Mass.—Bids will be received until Oct. 16 by the Public Works Department for wood block pavement in Northampton St. and other streets. Louis K. Rourke is Comr. Pub. Wks.

Bids will be received until Oct. 13 by Public Works Department for artificial stone sidewalks in Glenville Ave., Dorchester. Louis K. Rourke is Comr. Pub. Wks.

†The contract for constructing a macadam roadway in Johnston Road has been awarded to J. C. COLEMAN & SONS CO. at $6,204. Other bids were: James Doherty, $6,307; John Kelly Co., $6,450; John McCourt & Co., $6,817; Wm. J. Rafferty Co., $7,037; D. E. Lynch, $7,721. Louis K. Rourke is Comr. of Pub. Wks.

†The contract for soil work and regrading on Boston Common has been awarded to the BOSTON CONTRACTING CO., at $12,935. Other bids were: Coleman Bros., $13,068; Hugh Mann Contracting Co., $15,550. D. Henry Sullivan is Supt. Public Grounds Dept.

Newport, R. I.—Bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., until 11 a. m., Nov. 4, for vitrified brick paving at the U. S. Naval Torpedo Station, Newport. R. C. Hollyday is Chief of Bureau. Specifications are on file at the office of Engineering News.

†Bridgeport, Conn.—The HILDRETH GRANITE BLOCK CO., Boston, has been awarded the contract to furnish granite blocks for the pavement in Congress St., and A. J. LANGENFELDT has the contract to lay them.

Hartford, Conn.—Bids will be received by the Board of Contract and Supply until 11 a. m., Oct. 30, for furnishing crushed stone to the street department for a period of five years from Jan. 1, 1912. Forms of contract and specifications may be obtained from the Board of Street Commissioners.

New Rochelle, N. Y.—Bids will be received by the Board of Public Works, Richard Lathers, Jr., Chn., until Oct. 26, for grading Sickles Pl., from Sickles to Lockwood Ave.

New York, N. Y.—Bids will be received by Charles B. Stover, Pres. Dept. of Parks, until 3 p. m., Oct. 19, for furnishing and delivering broken stone

and screenings of trap rock for the Botanical Garden in Bronx Park.

Bids will be received by Cyrus C. Miller, Pres. Boro. The Bronx, until 10.30 a. m., Oct. 19, for paving and repaving various streets with sheet asphalt, wood block, asphalt block and granite block, and constructing sewers.

Bids will be received by Alfred C. Steers, Pres. Boro. Brooklyn, until 11 a. m., Oct. 18, for curbing, regulating, paving, etc., various streets.

Bids will be received by George Cromwell, Pres. Boro. Richmond, until noon, Oct. 17, for furnishing all the labor and materials required for furnishing and delivering 3,000 tons of broken stone and screenings in Stone District No. 1.

Bids will be received by Alfred E. Steers, Pres. Boro. Brooklyn, until 11 a. m., Oct. 18, for regulationg, repaving, curbing and laying sidewalks on various streets.

New York, N. Y.—Bids will be received by George McAneny, Pres. Boro. Manhattan, until 2 p. m., Oct. 23, for repairing the sidewalks on the west side of Eighth Ave., between 56th and 57th Sts., and on the south side of 57th St., from Eighth Ave., about 200 ft. west.

✚Schenectady, N. Y.—A contract for laying bitulithic pavement has been awarded by the Common Council to WARREN BROTHERS & CO., Boston, Mass., at $42,397.

✚Toms River, N. J.—The contract for constructing the western section of the Lakewood and New Egypt County road, about six miles, has been awarded to JOHN L. LeCOMPT of Lakewood at $29,950. The contract for the middle section of the same road, about five miles, has been awarded to F. T. & L. W. HOLMAN, Whitesville, at $18,976. Noted Sept. 21.

Summit, N. J.—Bids will be received by the Common Council until 8.30 p. m., Oct. 17, for constructing 1,690 lin. ft. of 4-ft. cement sidewalk on Hillcrest Ave. John S. Stiger is City Engr.

Connellsville, Pa.—Bids will be received by A. O. Bixler, Boro. Secy., until 3 p. m., Oct. 17, for paving and curbing Ashman Ave. Plans and specifications are on file with J. B. Hogg, Second National Bank Bldg.

✚Harrisburg, Pa.—The Highway Department has awarded the contract for the construction of 5,048 ft. of road in Salladasburg, Lycoming County, to the JUNIATA PAVING CO., Philadelphia, at $13,225.

Bids will be received by the State Highway Department until Oct. 26 for the construction of the third section of the road to be built under the Sproud main highway law. The road is located in Moreland Township, Montgomery County, and is to be 6,500 ft. long.

Huntington, W. Va.—Bids will be received by the Board of Commissioners of the City of Huntington until 1 p. m., Nov. 1, for paving with vitrified brick and constructing lateral sewers in various streets. John Coon is Comr. of Sts., and A. B. Maupin is City Engr.

***Pensacola, Fla.**—Bids will be received by the Board of Bond Trustees until noon, Nov. 7, for laying approximately 180,000 sq. yds. of clay or shale blocks, sheet asphalt, asphalt block, bitulithic, wood block or concrete pavement, and 116,000 lin. ft. of concrete curb. Amount of each class to be determined after proposals are received and considered. Specifications and blank forms of proposals can be obtained by application to the Engineer of the Board and a full set of plans can be seen at his office. John A. Merritt is Chn. and George Rommel, Jr., is Ch. Engr.

***Jacksonville, Fla.**—Bids will be received by the Board of Commissioners of Duval County, until 10 a. m., Oct. 20, for paving St. Johns Ave. and Lake Shore Drive, from the city limits to McGirts Creek, with asphalt macadam. Specifications may be obtained from Gail L. Barnard, County Engr. C. W. Ellis is Chn. of Bd.

Gadsden, Ala.—Bids will be received by the city until Oct. 30, for constructing sidewalks, curbs and gutters on Third, Fifth and Bay Sts. Estimated cost, $5,000.

***Tuscaloosa, Ala.**—The Kaul Lumber Co., Birmingham, Ala., desires inquiries from grading contractors who wish to submit proposals on grading for log pond, yard tracks and about 20 miles of railroad in connection with saw mill plant now being constructed at Tuscaloosa. Total excavations are estimated at about 285,000 cu. yds., work to be completed within eight months.

Lake Charles, La.—Bids will be received by the City Engineer until 8 p. m., Nov. 7, for constructing concrete curb and 5-ft. cement sidewalks on various streets.

Louisville, Ky.—Bids will be received until 2 p. m., Oct. 13, for reconstructing Fourth St., from Jefferson to Walnut St. Estimated cost, $14,000.

Cincinnati, Ohio.—Bids will be received by the Board of County Commissioners until noon, Nov. 3, for the improvement of the Forfeit Run road, from the Harrison pike to the Thompson road, in Colerain Township. Stanley Struble is Pres. Bd.

Cleveland, Ohio.—Bids will be received at the office of the Board of Commissioners of Cuyahoga County until 11 a. m., Nov. 15, for grading, draining and improving Fairmount Road, from East Boulevard to Coventry Road, in Cleveland Heights Township, in accordance with the form of contract and specifications to be furnished by Frank R. Lander, County Survey. John F. Goldenbogen is Clk. of Bd.

✚Ashland, Ohio.—Bids were received by the Commissioners of Ashland County, Sept. 30, for the improvement of the Sullivan Southern Road, as follows: D. A. PHILLIPS, Ashland, $5,820 (awarded contract); Buckeye Engineering Co., Norwalk, $5,870.

✚On the same date the County Commissioners received bids for the improvement of the Sullivan Wellington Road, as follows: D. A. PHILLIPS, Ashland, $8,600 (awarded contract); Buckeye Engineering Co., Norwalk, $8,870; C. J. Knisely, New Philadelphia, $9,200. Noted Sept. 28.

✚Bryan, Ohio.—Bids were received by the Commissioners of Williams County, Oct. 3, for grading and macadamizing 1.52 miles of road in Pulaski Township, as follows: FISHBAUGH, KARCH & APPENZELLER, Greenville, water-bound slag or stone, $11,841 (awarded contract); J. A. Westrick, Holgate, water-bound macadam, $12,500; Kelly Construction Co., Bryan, water-bound slag, $12,075; water-bound macadam, $12,535; slag with bylicite binder, $13,606; slag with carbo-via binder, $13,506; stone with carbo-via binder, $13,966. Noted Sept. 28.

Chillicothe, Ohio.—Bids will be received by Robt. D. Alexander, County Audr., until noon Oct. 16, for grading and cutting Yellow Hill.

✚Cincinnati, Ohio.—We are officially advised that the contract for improving the Shawnee Run Road, from Miami Ave., Maderia, to Washington Ave., Ramona, has been awarded to FRANK HOSBROOK, Blue Ash, Ohio, at $6,236. Noted Sept. 7

✚Springfield, Ohio.—A contract has been awarded to WALKER & SCOTT, Cincinnati, at $52,000, for improving the Warder addition, in the eastern part of Springfield.

Toledo, Ohio.—Bids will be received by the Board of Commissioners of Lucas County at the office of the County Auditor, until 10 a. m., Oct. 17, for grading, draining and macadamizing a county road known as Swanton and Waterville Townships Stone and Gravel Road No. 20. Chas. J. Sanzenbacher is County Audr.

✚Allegan, Mich.—A contract for about 7,597 sq. yds. of paving and 3,307 lin. ft. combined curb and gutter, has been awarded to CARPENTER & ANDERSON, Grand Rapids, at $14,443.

Lake Forest, Ill.—Bids will be received by the Board of Local Improvements at the office of the City Clerk until 6 p. m., Oct. 18, for 3,100 cu. yds. grading, 7,050 lin. ft. tile, 18 catch basins complete, 7,400 sq. yds. bituminous macadam pavement. James F. King is City Clk.

Chicago, Ill.—We are officially advised that bids for repairing street pavements have been received as follows: (a) asphalt pavement; (b) granite block pavement, old block; (c) new block, (d) brick pavement, old block, (e) new block: Citizens Construction Co., (b) $1.50, (c) $2.15, (d) $1.30, (e) $1.65; Barber Asphalt Paving Co., (a) $1.95; American Asphalt Paving Co., (a) $1.89, (b) $1.55, (c) $2.99, (d) $1.395, (e) $2.09; Alex. N. Todd, (b) $1.43, (c) $3.70, (d) $1.28, (e) $2.26; Peter J. O'Brien, (b) $1.27, (c) $2.32, (d) $1.23, (e) $1.98; Marquette Construction Co., (b) $2.90, (c) $5, (d) $2.10, (e) $3; John Dillon Co., (b) $1.37, (c) $1.72, (d) $1.37, (e) $2.29; James A. Sackley Co., (a) $1.80, (b) $1.36, (c) $1.96, (d) $1.23, (e) $2.33. All the contractors are of Chicago.

Janesville, Wis.—Bids will be received by the Street Assessment Committee until 2 p. m., Oct. 14, for constructing 2,353 sq. yds. of brick pavement and 111 lin. ft. of combined cement curb and gutter. John C. Nichols is Chn. Com.

Superior, Wis.—Bids will be received by the Board of Public Works until Oct. 15 for resetting 3,000 lin. ft. of curb and furnishing 1,711 cu. yds. of crushed rock and 27,177 gallons of asphalt. H. Beglinger is Clk.

Racine, Wis.—Bids will be received by the Board of Public Works until 10 a. m., Oct. 21, for grading River St., from West Sixth to Clay St. P. H. Connolly is Chn.

Cedar Rapids, Iowa.—A contract for paving portions of Fourth, Sixth and Seventh Aves., about 5,520 sq. yds. of paving and 1,500 cu. yds. grading, has been awarded to DEARBORN & JACKSON, at $1.57 for paving and 44 cts. for grading. Total, $9,326.

A contract for improving several alleys, requiring 4,000 sq. yds. of paving and 500 cu. yds. of grading has been awarded to M. FORD, at $5,170.

Grand Rapids, Minn.—Bids will be received by the Board of Commissioners of Itasca County until Oct. 14, for constructing a part of County Road No. 101, a distance of seven miles.

Minneapolis, Minn.—Bids will be received by A. P. Erickson, County Audr., until 11 a. m., Oct. 16, for grading and graveling Road No. 50, Contract No. 33.

Little Rock, Ark.—Bids will be received by W. C. Foster, Secy. Gaines Street District, at the office of the Mayor, until noon, Oct. 24, for paving 29 blocks of street with asphalt. Plans and specifications are on file at the office of Ford & MacCrea, Consult. Engrs., Gazette Bldg.

✚Galveston, Tex.—We are officially advised that the contract for paving the causeway arches, approximately 4,900 sq. yds. with Thurber brick, was awarded Oct. 2 to KELSO & VANTRIN, Galveston, at $1.90 per sq. yd. The only other bidder was the Municipal Paving Co., Dallas, at $2.24 for Coffeyville brick, and$2 for Thurber brick. Noted Sept. 28.

✚Hamlin, Tex.—RAY MCDONALD, Marlin, Tex., has been awarded contract to lay 20,000 sq. yds. of pavement, in Hamlin, at a cost of about $40,000.

✚Nowata, Okla.—Press reports state that a contract for asphalt paving has been awarded to the SOUTHWESTERN CONSTRUCTION CO. at $53,935.

✚Colorado Springs, Colo.—Press reports state that a contract for laying 300,000 sq. yds. of asphalt pavement at Colorado Springs, has been awarded to J. F. HILL, Spokane, Wash., at $500,000. Noted Sept. 14.

✚Denver, Colo.—Contracts for paving West 23d St. with asphalt macadam and for grading in District No. 12, have been awarded to the DENVER & PUEBLO CONSTRUCTION CO., Denver, at $21,771, and $29,334, respectively.

Salt Lake City, Utah.—Bids will be received by the Board of Public Works until Oct. 20, for curbing, guttering and paving in Paving Extension No. 73. H. G. McMillan is Chn. Bd.

Greenville, Cal.—Bids will be received by the Board of Supervisors until Oct. 16, for constructing a portion of Seneca Road.

Madera, Cal.—We are officially advised that bids will be received at the office of the City Clerk until 8 p. m., Oct. 16, for constructing 25 blocks of asphalt concrete pavement, concrete curb and gutter. Estimated cost, $114,404. W. J. Keays is City Engr. Noted Sept. 28.

MANUFACTURING PLANTS.

(✚*Denotes a contract awarded.*)

Portland, Me.—The Eastern Blaugrass Co., John St., will erect three fireproof buildings. Miller & Mayo, Fidelity Bldg., are Archs.

Haverhill, Mass.—M. T. Stevens & Sons Co., Haverhill, Mass., are having plans and specifications prepared by Charles T. Main, Arch., Boston, for a new 1-story dye-house of mill construction, 130 × 72 ft.

✚The contract for the addition to the Emery and Marshall Shoe factory has been awarded to JOHN M. ROCHE, Primrose St. The structure will be of brick, 148 × 70 ft., and will cost $50,000. C. Willis Damon, 25 Washington St., is Arch.

✚Holyoke, Mass.—The contract for the mason work for the laundry for the Holy Family Institute at Brightside, has been awarded to D. J. SANDERS. The structure will be two stories high of brick construction. DAVID J. McCORMICK & CO. have the contract for the cut stone work. John W. Donohue, 476 Main St., Springfield, is Arch.

✚Worcester, Mass.—The contract for the addition to the mills of the Hamilton Woolen Co. at Southbridge, has been awarded to E. D. WARD, 82 Foster St. The structure will be 75 × 52 ft., two stories high, and of brick construction.

✚THE E. J. CROSS CO., INC., has been awarded the contract for a brick factory building, 74 × 113 ft., four stories high, to be built on Arctic St. for Brewer & Co. It will be provided with steam heat, electric lights and freight elevator. George H. Clemence is Arch. Noted Sept. 21.

✚The contract for the factory building to be built on Shrewsbury St. for Oliver M. Deane has been awarded to E. N. and R. E. SPALDING, Sheffield, Conn. The structure will be 72 × 48 ft., two stories, of terra cotta. Edwin T. Chapin, State Mutual Bldg., is Arch.

Oliver M. Dean, broom manufacturer, 170 Austin St., will erect a terra cotta block factory on Shrewsbury St.

✚Central Falls, R. I.—The contract for the addition to the mill of the Hemphill Mfg. Co. at Central Falls, has been awarded to the HUMES CONSTRUCTION CO., 76 Dorrance St. The structure will be of brick construction, 110 × 42 ft. and two stories high.

New Haven, Conn.—L. W. Robinson, Arch., 324 Exchange Bldg., has completed plans for an addition to the plant of Sargent & Co. The building will be of brick construction, two stories high, 32 × 128 ft., and will cost about $10,000. Noted Sept. 28.

✚The contract for the erection of a factory building at the plant of the New Haven Machine Screw Co. has been awarded to the SPERRY ENGINEERING CO., New Haven. The building will be of reinforced-concrete construction, 40 × 125 ft., two stories high. Plans have been prepared by Philip Sellers, Arch., 756 Chapel St., New Haven. Noted Sept. 7.

✚New London, Conn.—Contracts for the erection of an addition at the plant of the Brown Cotton Gin Co. have been awarded to J. A. DOLAN, mason work; and W. L. ROE, JR., carpenter work. The building will be of cast stone, 65 × 165 ft., one story high.

✚Milford, Conn.—Contracts for the erection of a 3-story brick warehouse, 38 × 62 ft., of mill construction, for the Everett B. Clark Seed Co., have been awarded as follows: Mason work, GEORGE S. CHATFIELD CO., Waterbury, Conn.; carpenter work, JOHN W. ALLEN & SON, New Britain, Conn.; freight elevator, OTIS ELEVATOR CO., New York. W. P. Crabtree, New Britain, Conn., is Arch. Noted under buildings on Aug. 31.

Bridgeport, Conn.—The [illegible]per-Falkenau Engineering Co., 15[illegible] New York, will award contracts for a new pattern storage building for the Crane Valve Co., at Bridgeport. The construction will be brick, steel trusses and cement tile roof. The building, 353 × 50 ft., will be 1-story high with the trusses of sufficient strength to carry monorail travelers for handling heavy patterns.

Binghamton, N. Y.—A [illegible] addition will soon be made to the plant of the Laurier Brewing Co.

Buffalo, N. Y.—The Flexible Sign Co. will build a 1-story steel factory at 1453 Niagara St.

The Central Casket Co., Ohio and Chicago Sts., is having plans prepared for a factory building, to be erected at the Erie R. R.

The Positive Clutch & [illegible] Co., 30-32 Lansing St., are having plans prepared for a new plant for foundry and machine shop, which will be erected on a 5-acre site just purchased at Teisul St. and the Central R. R., North Buffalo.

The Iroquois Brewing Co. will build a 2-story brick addition to its plant at Pratt St. and Broadway, to be used as a bottling works. The estimated cost is $20,000.

The Grimm Mfg. Co. has completed plans for a 2-story factory building of concrete block construction, which will be erected at 2 Keystone St.

New York, N. Y.—Bids for the erection of a 5-story brick manufacturing plant, to be used as an engine room and boiler house, are being asked by Sinclair & Valentine Co., Archs., 511 West 129th St., New York. The estimated cost is $30,000.

✚Harrison, N. J.—The Hyatt Roller Bearing Co. have awarded the contract for an addition to their 4-story brick factory to the DAVID HENRY BUILDING CO., Firemen's Bldg., Newark.

Philadelphia, Pa.—Plans have been prepared by George H. Thirsk, contractor, for James Bromley Sons Co. for a brick textile mill to cost $100,000.

Frankford, (Philadelphia post-office), **Pa.**—Plans have been prepared for the erection of a textile plant to be erected at Leiper and Deal Sts. by James Bromley. Estimated cost, $100,000.

✚Jeannette, Pa.—The contract for constructing a plant for the American Fabric & Rubber Co. has been awarded to J. E. MEYERS, Penns Station, Pa., at $20,000. Noted Sept. 21.

✚Mount Pleasant, Pa.—The contract for erecting a 2-story, 220 × 60-ft. steel and concrete building for the Bryce Bros. Glass Co. has been awarded to F. H. HURST, Mount Pleasant, at $200,000.

✚Wilmington, Del.—The contract for erecting a machine shop in Wilmington for the Harlan & Hollingsworth Shipbuilding Co. has been awarded to F. A. HAVEN & CO., Philadelphia, at $50,000.

Highlandtown, Md. — The Monumental Brewing Co. is having plans prepared by Otto C. Wolf & Son, Philadelphia, Pa., for a 5-story brewery to cost $200,000.

Mayodan, N. C.—About $350,000 will be spent by the Avalon Mills in rebuilding their factories which were recently destroyed by fire.

Tuscaloosa, Ala.—The Kaul Lumber Co., Birmingham, is contemplating the construction of a sawmill at Tuscaloosa. B. P. Head is Secy.

Opelousas, La.—Little & Lawler will erect a sugar refinery at Opelousas, to cost $50,000.

Dayton, Ohio.—Plans are being prepared by Frank Hill Smith 9or a 4-story factory addition of brick and steel mill construction to their plant on Front St.

✚Youngstown, Ohio.—The contract for furnishing 7,000 tons of steel to be used in the plant of the Youngstown Sheet & Tube Co. has been awarded to the AMERICAN BRIDGE CO., Pittsburgh, Pa.

Columbus, Ohio.—Plans are being prepared by Richards, McCarty & Bulford, Archs., for a factory building, 62 × 85 ft., to be built on the south side of Fulton St., by John Immel & Sons for the manufacture of electric trucks and for the repair and repainting of automobiles.

Brazil, Ind.—The Mullen-Blackledge-Nells Food Product Co. has ordered plans on which to receive bids for the erection of a large addition to their plant.

Hammond, Ind.—The Hammond Steel Barrel Co., recently incorporated, will receive bids soon for the erection of a large plant on the Calumet River. J. H. Leafave is Pres.; N. C. Cunningham is Secy.

Indianapolis, Ind.—The Prest-O-Lite Co. will erect a 2-story concrete factory at Indianapolis. The estimated cost is $12,000.

Detroit, Mich.—See item under Miscellaneous Contracts.—Wagon Shed. Detroit, Mich.

Mildner & Eisen, 1018 Hammond Bldg., Detroit, are preparing plans for a new 2-story factory, 110 × 25 ft., for the Korb-Gotfreison Co., 1093 Gratiot Ave. Building to be of brick and steel construction. Same architects are also preparing plans for a 1-story pavilion, 200 × 60 ft., for the Kolb-Gotfreison Co.

✚Varney & Winter, 58 Equity Bldg., Detroit, have awarded contracts for the 1-story and basement sand blast fac-

tory, 68 x 68 ft., for the Briggs Mfg. Co. as follows: Masonry, H. BAGALL & SON, 27 33d St.; carpentry, JAMES MOYNES & CO., 759 Beaubien St.; composition roofing, R. HUTTON & CO., 116 Fort St. East, Detroit.

†Mildner & Eisen, 1018 Hammond Bldg., have awarded contracts for the 4-story and basement brewery, 80 x 60 ft., for the Eckhardt & Becker Brewing Co., 482 Orleans St., as follows: Structural iron work, WHITEHEAD & KALES, Beecher Ave. and M. C. R. R.; painting, to H. J. DEAN & CO., 193 Griswold St. The estimated cost is $25,000.

Quincy, Ill.—The Wolf Mfg. Co. has been incorporated with a capital of $100,000 and will establish a manufacturing plant at Quincy. Fred A. Wolf is interested.

†**Mendota, Wis.**—The contract has been awarded by the State Board of Control to HERMAN & SONS, Antigo, for the construction of the laundry building at the State Hospital for Insane at Mendota, at $14,990.

†**Milwaukee, Wis.**—The contract has been awarded to W. G. WILLIAMS by the Nordberg Mfg. Co., Chicago Road, for the erection of a storage building, a concrete tank and a water supply system. The tank will be 30 x 50 ft. and 50 ft. deep. The storage building will be frame, 1-story and 140 x 40 ft.

†**Omaha, Neb.**—The contract for erecting new car shops at 27th and Lake Sts. for the Omaha & Council Bluffs St. Ry. Co. has been awarded to McGOWAN & JACOBBERGER, Jackson St., Omaha. The estimated cost is $25,000.

Seattle, Wash.—Plans are being prepared by Blackwell & Baker, Northern Bank Bldg., for addition and alterations to the plant of the Seattle Brewing & Malting Co. at a cost of $50,000.

Fresno, Cal.—The Santa Fe R. R. Co. has appropriated $156,000 for the construction of a round house at Riverbank. A similar amount will probably be appropriated for a round house at Calwa.

MISCELLANEOUS CONTRACTS.

(*Denotes that this work is advertised in Engineering News.)

U. S. RECLAMATION SERVICE.—All news concerning canal and irrigation projects, etc., will be found under Water Supply—Irrigation.

*__Breakwater Work.__—Burlington, Vt.—Bids will be received until noon, Nov. 6, by Col. W. M. Black, Corps Engrs., U. S. A., Room 710, Army Bldg., 39 Whitehall St., New York, for constructing rubble mound in front of breakwater, Burlington Harbor, Vt.

__Seawall__—Boston, Mass.—Bids will be received until Oct. 19 by the Park Department for a sea-wall at Mystic Playground, Charlestown District. Robt. S. Peabody is Chn. Park Comm.

__Wharves.__—Boston, Mass.—Bids will be received until Oct. 17 by the Penal Institutions Department for repairing two wharves at Deer Island, Boston Harbor. Fred S. Gore is Comr. Dept.

*__Harbor Work.__—New York, N. Y.—Bids will be received until noon, Nov. 6, by Col. W. M. Black, Corps Engrs., U. S. A., Room 710, Army Bldg., 39 Whitehall St., New York, for dredging and removing obstructions in Plattsburg Harbor, N. Y., Whitehall Harbor, N. Y., and Saint Albans Harbor, Vt.

__Broken Stone.__—New York, N. Y.—Bids will be received by George Cromwell, Pres. Boro. Richmond, until Oct. 17 for furnishing and delivering 3,000 tons of broken stone and screenings in Stone District No. 1.

__Dredging.__—New York, N. Y.—Bids were received on Sept. 27 by Calvin Tomkins, Comr. of Docks, for furnishing the material and dredging in the Boroughs of Manhattan, Brooklyn and Queens. Contracts have been awarded as follows: Class 1, dredging about 90,000 cu. yds., North River, Boro. Manhattan, to HENRY DU BOIS SONS CO., 17 State St., New York, at 13 cts. per cu. yd.; Class 2, dredging about 50,000 cu. yds., East and Harlem Rivers, Boroughs of Manhattan, Brooklyn and Queens, to P. SANFORD ROSS, Inc., Jersey City, N. J., at 24 cts. per cu. yd.

__Bath Building Repairs.__—New York, N. Y.—Bids will be received by George McAneny, Pres. Boro. Manhattan, until 2 p. m., Oct. 19, for general repairs to the roofs and skylights of the Rivington St. public bath building, located at 324 Rivington St., Boro. Manhattan.

__Repairing Pier.__—New York, N. Y.—Bids will be received by Calvin Tomkins, Comr. of Docks, until noon, Oct. 18, for Contract No. 1,300, for furnishing materials required for repairing a portion of the northerly half of the pier at the foot of West 51st St., North River, Boro. Manhattan.

__Steel Beams, Etc.__—New York, N. Y.—Bids will be received by the Board of Health until 10 a. m., Oct. 23, for furnishing and delivering steel beams, channels, etc., required for the construction of women's dining hall at the Tuberculosis Sanitorium, at Otisville, Orange County, N. Y., for the Department of Health of the City of New York.

__Rebuilding Tugboat.__—New York, N. Y.—Bids will be received by Calvin Tomkins, Comr. of Docks, until noon, Oct. 20, for Contract No. 1286, for fur-

LIST OF CONTRACTS PENDING

Plans and Specifications on File.

The following plans (P.) and Specifications (S.) are on file for reference only unless otherwise noted at the office of The Engineering News Publishing Co., 220 Broadway, New York.

Bids close.		Noted in issue of
10-21	Roof covering, Norfolk, Va. (S.)	9-21
10-21	Waterfront impvts., Boston, Mass. (S.)	9-21
10-28	Impvts. to quarters, Vallejo, Cal. (S.)	9-21
11- 1*	Head gates, Boise, Idaho (S)	9-28
11- 1*	Subway and stations, Toronto, Ont. (P. & S.)	10- 5
11- 4	Pavement, Newport, R. I. (S)	10-12
11-10 and 11	Building, Hawaii (S.)	9-21
11-10 and 11	Storehouse, Hawaii. (S.)	9-21
11-11	Quarters, Vallejo, Cal. (S.)	10-12

Light, Heat and Power Plants.

Bids close.		Noted in issue of
10-13	Fuse boxes, etc., Winnipeg, Man.	10-12
10-14	Lighting fixtures, Washington, D. C.	9-28
10-15	Lighting fixtures, Washington, D. C.	9-28
10-15*	Electric railway, New York, N. Y.	9-28
10-16	Elec. light plant, Baroga, Mich.	10- 5
10-16	Elec. light plant, Baraga, Mass.	9-28
10-16	Power house and equipment, Sedro-Wooley, Wash.	10-12
10-16	Equipment, Vermilion, Alta.	10-12
10-17	Equipment, Charlotte, N. C.	10-12
10-18	Gas lamps, Boston, Mass.	9-28
10-18	Street lighting, Charleston, S. C.	9-14
10-18	Overhead and line material, Toronto, Ont.	10- 5
10-19	Alterations to gas works, New York, N. Y.	10-12
10-20	Alterations to heat'g plant, Jamesburg, N. J.	10-12
10-21	Lighting fixtures, Washington, D. C.	10- 5
10-23	Electrical equipment, Los Angeles, Cal.	9-21
10-23	Electric fixtures and wiring, New York, N. Y.	10-12
10-24	Power pump, Monticello, Wis.	10-12
10-24	Generator sets, etc., Washington, D. C.	10-12
10-24	Inverted lamps and posts, Boston, Mass.	9-21
10-25*	Engine and generator, etc., London, Ky.	10- 5
10-25	Wire, Fort Leavenworth, Kan.	10- 5
11- 1	Railway cars, San Francisco, Cal.	10- 5
11-11	Hot-water heating system, Arlington, Va.	10-12
11-24*	Equipment for power station, Lethbridge, Alta.	10- 5
12- 7	Power machinery, New Orleans, La.	10-12

Bridges.

Bids close.		Noted in issue of
10-12	Bridge work, Hollidaysburg, Pa.	10-12
10-12	Bridges, Celina, Ohio	10-12
10-13	Bridges, Cincinnati, Ohio	9-28
10-16	Bridges, Bartlesville, Okla.	10- 5
10-16	Culvert, Los Angeles, Cal.	10- 5
10-16	Bridges, Redwood City, Cal.	10- 5
10-16	Bridge, San Diego, Cal.	10- 5
10-16	Bridges, San Jose, Cal.	10- 5
10-16	Bridge, Hackensack, N. J.	10-12
10-16	Bridge, Colusa, Cal.	10-12
10-16	Bridge, St. Clairsville, Ohio.	10-12
10-17	Bridge, Lancaster, Pa.	9-28
10-17	Bridge work, Rushville, Ind.	10- 5
10-17	Bridge, Hartford, Conn.	10- 5
10-18*	Bridges, Marietta, Ohio.	10-12
10-18	Bridges, Hartford, Conn.	10-12
10-18*	Bridge, Rochester, Pa.	10-12
10-19	Bridge, Cotulla, Tex.	10-12
10-19	Bridge, Blowout, Idaho	10-12
10-21	Bridge, Vicksburg, Miss.	10- 5
10-21	Bridge, Toledo, Ohio	10- 5
10-27	Bridge work, Cincinnati, O.	10-12
10-27*	Bridge, Saginaw, Mich.	10-12
10-28	Bridge work, Cleveland, Ohio,	10- 5
10-30	Bridge work, Morton, Minn.	10-12
11- 1	Bridge work, Cleveland, Ohio,	10- 5
11- 1*	Bridges, Angleton, Tex.	10-12
11- 2	Bridge approaches, Columbus, Ohio	10-12
11-20	Bridges, Houston, Tex.	10- 5

Buildings.

Bids close.		Noted in issue of
11-10	U. S. post-office, Newberry, S. C.	10-12
10-13	Court house repairs, New York, N. Y.	10- 5
10-13	Laundry machinery, New York, N. Y. (Mfg. Pl.)	10- 5
10-15	Hospital, Salem, Ohio	9-28
10-16	School, Cleveland, Ohio	10- 5
10-16	School addition, New York,	10-12
10-16	Hospital, Rochester, Minn.	10-12
10-16	Building, Norfolk, Va.	10-12
10-16	Building, Norfolk,	10- 5
10-17	High school, Wapello, Iowa.	10- 5
10-17	Building, Quebec, Que.	9-28
10-18	School, Whippany, N. J.	9-28
10-18	Court house, Benton, Mo.	10- 5
10-19	Building, Kent, Ohio	10- 5
10-19	School, Boston, Mass.	10-12
10-23*	Stables, Minneapolis, Minn.	10-12
10-23	Bldgs., Ft. Huachuca, Ariz.	10-12
10-24	School, Rock Hill, S. C.	10- 5
10-24	U. S. post office, Lexington, Va.	9-28
10-24	Bldgs., New York	10-12
10-25	Armory bldg., Bucyrus, O.	10-12
10-25	Buildings, Valatie, N. Y.	10-12
10-25	Bldgs., Kings Park, N. Y.	10-12
10-31*	U. S. post-office, Florence, Ala.	9-21
10-31*	U. S. post-office, Minneapolis, Minn.	9-14
10-31	School buildings, Pasadena, Cal.	10- 5
11- 1	Building, Raleigh, N. C.	10- 5
11- 1	Plans and specifications, library, Muskogee, Okla.	9-28
11-11	Quarters, Vallejo, Cal.	10-12
11-16	Building, Wash., D. C.	10-12

Water-Works.

Bids close.		Noted in issue of
10-12	Water-works, Watseka, Ill.	10-12
10-13	Pipe, Columbus, Ohio,	10- 5
10-14	Pumping engine, Temple, Tex.	10- 5
10-15	Water-works, Wampum, Pa.	10-12
10-16	Pumping plant, Vermillion, S. Dak.	10-12
10-16	Special castings, Chicago, Ill.	9- 7
10-16	Dam, Carisbad, N. Mex.	9-28
10-16	Intake, etc., Muskegon, Mich.	9-28
10-16*	Reclamation work, Sunnyside, Wash.	9-28
10-16*	Excavation, pipe, etc., Mabton, Wash.	9-28
10-16*	Pumping engine, Sheyboygan, Wis.	10- 5
10-16	Water-works plant, Cornell, Ill.	10- 5
10-16	Water-works impvts., Saraga, Mich.	10- 5
10-17	Water system, Decatur, Neb.	10- 5
10-17*	Pipe, valves, etc., Charlotte, N. C.	10- 5
10-17	Laying pipe, Boston, Mass.	10-12
10-18	Water system, Exeter, Cal.	9-28
10-18	Water system, Camp Yosemite, Cal.	9-28
10-18	Water-works, Lexington, Miss.	9-28
10-20*	Canal, San Antonio, Tex.	10- 5
10-20	Water tower, Grand Rapids, Minn.	10-12
10-23	Well, Leigh, Neb.	10-12
10-23	Watermains, Washburn, N. Dak.	10-12
10-24*	Water-works, South Wayne, Wis.	10-12
10-25	Meters, Vancouver, Wash.	10-12
10-25	Well, Wapato, Wash.	10-12
10-31	Flume work, Wisdom, Mont.	9-28
10-31	Water-main, Cleveland Hgts., Ohio	9-28
10-31*	Water works, New York	10-12
11- 1*	Head gates, Boise Falls, Idaho	9-28
11- 1	Water-works, Jellico, Tenn.	10-12
11- 1	C.-I. pipe, St. Charles, Ill.	10-12

Sewers.

Bids close.		Noted in issue of
10-13	Sewer, Minster, Ohio	9-28
10-13	Sewer, Fullerton, Neb.	10- 5
10-13	Sewer, Duluth, Minn.	10-12
10-13	Sewers, Rutherford, N. J.	10-12
10-13	Sewer, St. Louis, Mo.	10-12
10-13	Sewer, Centerville, Iowa.	10- 5
10-14	Sewers, Birmingham, Ala.	9-28
10-15	Sewers, Geneva, Ohio	9-28
10-15	Sewers, Jasper, Ind.	10- 5
10-16	Sewer system, Brainerd, Minn.	10-12
10-16	Sewer, Nelson, Neb.	10-12
10-16	Sewer system, Marietta, Ohio.	10-12
10-17	Sewers, Boston, Mass.	10- 5
10-17	Pumps, etc., New York	10- 5
10-17	Pumps, etc., New York	9-28
10-18	Sewers, Lexington, Miss.	9-28
10-18*	Sewage screens, Baltimore, Md.	10- 5
10-18	Sewer, Marion, Ohio	10-28
10-18	Sewers, Montreal, Que.	10-12
10-20	Sewers, Payette, Idaho	9-21
10-20*	Sewers, Louisville, Ky.	10-12
10-24	Outfall sewer, New Bedford, Mass.	10-12
10-24*	Sewer system, Hammond, Ill.	10-24
10-25*	Sewers, Baltimore, Md.	10- 5
10-30	Sewers, Summerville, Ga.	9-21
11- 1	Sewers, Jellico, Tenn.	10-12
11- 1	Sewers, Huntington, W. Va.	10-12

Streets and Roads.

Bids close.		Noted in issue of
10-13	Paving, etc., Chardon, Ohio.	10- 5
10-13	Curb, Sanderson, Tex.	10- 5
10-13	Road construction, Winchester, Ind.	9-28
10-13	Sidewalks, Boston, Mass.	10-12
10-13	Street work, Louisville, Wis.	10-12
10-14	Paving, etc., Janesville, Wis.	10-12
10-14	Road construction, Grand Rapids, Minn.	10-12
10-14	Grading, etc., Murphy, N. C.	10- 5
10-14	Grading and paving, Warren, Ohio	10- 5
10-15	Curbing, etc., Superior, Wis.	10- 5
10-16	Repaving, etc., Yonkers, N. Y.	10- 5
10-16	Road construction, Greenville, Cal.	10-12
10-16	Paving, etc., Madera, Cal.	10-12
10-16	Grading, etc., Minneapolis, Minn.	10-12
10-16	Grading, etc., Chillicothe, O.	10-12
10-16	Paving, Boston, Mass.	10-12
10-17	Broken stone, etc., N. Y.	10-12
10-17	Grading, etc., Toledo, Ohio.	10-12
10-17	Paving, Connellsville, Pa.	10-12
10-17	Sidewalk, Summit, N. J.	10-12
10-17	Grading and paving, Lisbon, Ohio	10- 5
10-18	Grading and paving, Upper Sandusky, Ohio	10- 5
10-18	Road improvement, Pleasant Ridge, Ohio	9-28
10-18	Paving, etc., Lake Forest, Ill.	10-12
10-18	Repaving, etc., New York	10-12
10-18	Paving, etc., New York	10-12
10-19	Paving, etc., New York	10-12
10-19	Broken stone, etc., N. Y.	10-12
10-19	Grading, etc., Tremont, Ohio.	10- 5
10-20	Paving, etc., Salt Lake City, Utah	10-12
10-20*	Paving, Jacksonville, Fla.	10-12
10-21	Grading, Racine, Wis.	10-12
10-21	Gravel road, Williamsport, Ind.	9-14
10-23	Sidewalk repair, New York	10-12
10-24	Paving, Little Rock, Ark.	10-12
10-25	Grading, etc., Cleveland, Ohio	10- 5
10-26	Road construction, Harrisburg, Pa.	10-12
10-26	Grading, New Rochelle, N.Y.	10-12
10-27	Road improvement, Cincinnati, Ohio	10- 5
10-30	Grading, etc., Moulton, Ala.	10- 5
10-30	Crushed stone, Hartford, Conn.	10-12
10-30	Sidewalks, Gadsden, Ala.	10-12
11- 1	Paving, Huntington, W. Va.	10-13
11- 3	Road improvement, Cincinnati, Ohio	10-12
11- 4	Paving, Newport, R. I.	10-12
11- 6	Stone road, Jasper, Ind.	10- 5
11- 7	Curbs and sidewalks, Lake Charles, La.	10-12
11- 7*	Paving and curbing, Pensacola, Fla.	10-12
11-15	Grading, Cleveland, Ohio	10-12

Miscellaneous.

Bids close.		Noted in issue of
10-12	Road oil, Wash., D. C.	10-12
10-14	Levees, etc., Santa Paula, Cal.	10-12
10-14	Lock, Louisville, Ky.	9-14
10-16	Steel cells, Oroville, Cal.	9-28
10-16	Steel rails, etc., Ottawa, Ont.	9-28
10-16	Rock, Detroit, Mich.	9-28
10-16	Lumber, Panama (U. S. Poss.)	10- 5
10-16	Fire hose, New York	10- 5
10-16	Elevator, etc., New York	10- 5
10-16	Fire protection, New York	10- 5
10-16*	Drainage canal, Pine Bluff, Ark.	10- 5
10-17	Drain, Ft. Dodge, Iowa	10-12
10-17	Wharves, Boston, Mass.	10-12
10-17	Broken stone, New York	10-12
10-17	Wire, Washington, D. C.	10- 5
10-17	Concrete wall, Trenton, N. J.	9-28
10-17*	Concrete drain, Trenton, N. J.	9-28
10-17*	Garbage plant (Garbage), Paterson, N. J.	8-31
10-17*	Steel and cast iron, New Orleans, La.	9-21
10-18*	Lock valves, gates, etc., Dallas, Tex.	9-21
10-18*	Trolley wire, poles, etc., Toronto, Ont.	9-28
10-18	Tile drains, Buffalo Center, Iowa	10- 5
10-18	Repairing pier, New York	10-12
10-18	Ditch, Forest City, Iowa	10-12
10-19	Iron rail, iron fence, N. Y.	10-12
10-19	Bath building repairs, N. Y.	10-12
10-19	Cable, Spokane, Wash.	10-12
10-19	Seawall, Boston, Mass.	10-12
10-19	Lumber, Spokane, Wash.	10-12
10-19*	Harbor board hearings, New York	9-28
10-20	Removing wreck, Jacksonville, Fla.	9-28
10-20*	Road-roller, Collingswood, N. J.	10-12
10-20	Fire appliances, New York	10-12
10-20	Rebuilding tugboat, N. Y.	10-12
10-21	Ditch, Wheaton, Minn.	10-12
10-21	Waterfront impvts., Boston, Mass.	9-21
10-21	Roof covering, Norfolk, Va.	9-21
10-23*	Metal furniture, Jersey City, N. J.	10-12
10-23	Mechanical equipment, Bellingham, Wash.	10- 5
10-23	Dredging, Wilmington, Del.	10- 5
10-23	Steel beams, New York	10-12
10-23*	Stables, Ft. Huachuca, Ariz.	10-12
10-24*	Barge canal, Albany, N. Y.	9-28
10-27*	Dredging, Charleston, S. C. (See "Proposals")	9-28
10-27	Hydro-electric plant, Panama (U. S. Poss.)	10- 5
10-27*	Canal work, Charleston, S. C.	10- 5
10-30*	Jetty construction, Wilmington, Del.	10- 5
11- 1*	Subway, etc., Toronto, Ont.	10- 5
11- 8*	Water tube boilers, Philippine Islands (U. S. Poss.)	
11-10 and 11	storehouse, Hawaii (U. S. Poss.)	9-21
11-10 and 11	Building, Hawaii (U. S. Poss.)	9-21
11-11	Storehouse, Hawaii (U. S. Poss.)	9-21
11-14	Castings, cylinders, etc., Panama (U. S. Poss.)	9-28
11-19	Elec. lighting, Roumania (Foreign)	9-21
11-20	Electric towing locomotives, Panama (U. S. Poss.)	
10-30	Trap rock, Hartford, Conn.	9-28
11- 4	Jetty construction, Wilmington, Del.	10-12
11- 6*	Jetty construction, Wilmington, Del.	10-12
11- 6*	Harbor work, New York	10-12
11- 6*	Breakwater work, Burlington, Vt.	10-12
11-11*	Earth levee, East St. Louis, Ill.	10-12
12- 1*	Pumping machinery, India, (Foreign)	9-21
12- 1	Drainage, Osceola, Ark.	10- 5
12- 4*	Condensers, pumps, etc., Philippine Islands (U. S. Poss.)	10- 5
12- 4	*Engines, generators, etc., Philippine Islands (U. S. Poss.)	9-28
——	Excavation, Shelburne Falls, Mass.	9-23
12-27*	Dredges, San Francisco, Cal.	10- 5

nishing all the labor and materials required for rebuilding and painting the tug boat "Richmond."

Fire Appliances.—New York, N. Y.—Bids will be received by Calvin Tomkins, Comr. of Docks, until noon, Oct. 20, for Contract No. 1288, for furnishing all the labor and materials required for installation of additional fire appliances on recreation piers in the Boroughs of Manhattan and Brooklyn.

Iron Rail, Iron Fence.—New York, N. Y.—Bids will be received by the Park Board, Dept. of Parks, until 3 p. m., Oct. 19, for furnishing and delivering 1-pipe, 2-pipe and 3-pipe iron guard rail for the botanical garden in Bronx Park, and for furnishing all the labor and materials for erecting w.-i. fence along the boundaries of Crotona Park, in the Borough of The Bronx, City of New York.

✚**Pier.**—Poughkeepsie, N. Y.—The Hudson River Day Line Co. has awarded a contract to J. L. POWLEY & SONS, of Rondout, N. Y., to rebuild one of the company's piers here.

***Dredging, Etc.**—Buffalo, N. Y.—Bids for dredging in North (Buffalo River) Entrance Channel, removing rock shoals outside North Entrance, and removing the Watson Elevator site, Buffalo Harbor, were received on Oct. 2 by Lt.-Col. J. G. Warren, Corps Engrs., U. S. A., Buffalo, as follows: (a) North (Buffalo River) Entrance Channel, excavating and removing 85,000 cu. yds. of material except bedrock, per cu. yd. scow measurement; and excavating and removing 8,000 cu. yds. bedrock; (b) removing rock shoals, North Entrance, excavating and removing 17,000 cu. yds. rock; (c) removing Watson Elevator Site, removing elevator debris, removing cribs, removing piles, excavating and removing loose material, excavating and removing bedrock: Empire Engineering Corporation, 60 Wall St., New York, (a) 18 cts. and $1.10; total, $24,100; (b) $1.75; total, $29,750; (c) $2,000; $3.50; $1; 18 cts.; $1.05; total, $35,450; grand total, $89,300. Buffalo Dredging Co., Buffalo, 17 cts. and $1.20; total $24,050; (b) $3.25; total, $55,250; (c) $3,000; $5; 90 cts.; 17 cts.; $7.20; total, $39,100; grand total, $118,400.

✚**River and Creek Impvt.**—Herkimer, N. Y.—The contract has been awarded, bids opened by Charles E. Treman, Supt. Pub. Wks., Albany, on Sept. 26 for the improvement of channel and banks of Mohawk River and West Canada Creek, Herkimer, to LATHROP, SHEA & HENWOOD CO., Ellicott Sq., Buffalo, N. Y., at $69,436. List of bidders noted on Oct. 5.

***Road-Roller.**—Collingswood, N. J.—See item under "Proposals."

***Metal Furniture.**—Jersey City, N. J.—See item under "Proposals."

Beach Impvts.—Allenhurst, N. J.—The citizens on Sept. 26 voted to issue $30,000 of bonds for making beach improvements.

***Jetty Construction** — Wilmington, Del.—Bids will be received by Maj. R. R. Raymond, Corps Engrs., U. S. A., Wilmington, until 11 a. m., Nov. 6, for jetty construction at the mouth of the Broadkill River, Del.

Jetty Construction. — Wilmington, Del.—Bids will be received by Maj. R. R. Raymond, Corps Engrs., U. S. A., Wilmington, until Nov. 4 for jetty construction at the mouth of the Mispillion River, Del.

✚**Roof.** — Washington, D. C. — The contract for constructing a new roof on the U. S. Patent Office, Washington, bids opened on Sept. 26, has been awarded to ROSE BROS. & CO., 1809 14th St., Washington, D. C., at $9,800.

Road Oil.—Washington, D. C.—Bids will be received until 2 p. m., Oct. 12, by the District Commissioners for furnishing and delivering about 100,000 gallons of emulsifying road oil.

Submarine Torpedo Boats.—Washington, D. C.—The Secretary of the Navy has awarded the contract for the construction of four submarine torpedo boats, Nos. 35 to 39, bids opened on Sept. 1, to the ELECTRIC BOAT CO., 11 Pine St., New York. Two submarines are to be constructed on the Atlantic coast at $479,000 each, and two on the Pacific coast at $512,000 each. List of bidders noted on Sept. 7.

Levee Enlargement.—Greenville, Miss.—Bids were received as follows on Oct. 2 by the Mississippi Levee Commissioners for constructing about 570,000 cu. yds. of enlargement work in the Mississippi Levee District: John G. Sessions, 133,000 cu. yds., at 22.9 cts. per cu. yd.; John Nyestrom, 169,000 cu. yds., at 18.4 cts. and 22.69 cts.; Lowrance Bros., Memphis, Tenn., 177,000 cu. yds., at 27.8 cts.; Roach, Stansell, Dulane & Foote, 93,000 cu. yds., at 31 cts. W. T. Shackelford is City Engr.

✚**Levee.** — New Orleans, La. — Bids were received by Board of Levee Commissioners, of Orleans Levee District, New Orleans Court Bldg., on Sept. 27, for the construction of a pile bulkhead about 1,900 ft. long between Egania and Alabo Sts. The contract has been awarded to FOULLERT & WILLIAMS, 1023 Maison Blanche Bldg., at $8 per lin. ft. for pile bulkhead creosoted material, or a total of about $16,700.

✚**Canal.**—Rayville, La.—The town has awarded a contract to CHARLES R. FISHER for digging the canal down the channel of Little Creek at 17½ cts. per cu. yd.

✚**Concrete Work.**—Cincinnati, Ohio.—The Directors of the Cincinnati Catholic Mausoleum Co. on Sept. 30 awarded to the ROCHE-BRUNER BUILDING CO., 512 Johnston Bldg., Cincinnati, the contract for all the concrete work upon the large crypt which will be built at St. Joseph's Cemetery, Price Hill. This work, exclusive of the furnishings, will cost over $40,000. J. F. Sheblessy is Archt.

Mine Shafts, Tipples.—Turner, Ind.—The Ehrlich-Pierce Coal Mining Co., Turner, recently incorporated, will receive bids for the sinking of mine shafts and the construction of tipples.

✚**Concrete Subways, Etc.**—Detroit, Mich.—The WILLIAM P. CARMICHAEL CO., Fullerton Bldg., St. Louis, Mo., has been awarded a contract for the reinforced-concrete subway and pipe tunnel under the five tracks of the Wabash & Detroit Terminal Railroads, connecting the "E-M-F" automobile factories of the Studebaker Corporation, in Detroit. The structure will be wholly of reinforced concrete.

Wagon House.—Detroit, Mich.—Pollmar & Ropes, 23 Cleland Bldg., Detroit, are preparing plans for a 1-story wagon house, 128 × 105 ft., for the Gordon-Page Co., 461 Chene St. Estimated cost, $20,000.

***Earth Levee**—East St. Louis, Ill.—Bids for the construction of an earth levee having a crown twelve feet wide and a length of about 2¾ miles, being Construction Project No. 5, Section 4 of Front Levee, and other auxiliary or incidental improvements, East Side Levee and Sanitary District, and the plans, profiles and specifications for the same, now on file in the office of the Clerk will be received until noon, Nov. 11, at the office of the East Side Levee and Sanitary District, East St. Louis. Bids should be based on the following estimate: 739,000 cu. yds. of earth of Lot 45-D, St. Clair County, Ill., in a embankment. Section 4 of the Front Levee will extend from the [illegible] orth line southerly direction to the [illegible] outh of Cahokia Creek, in the so[illegible] westerly part of the city of East [illegible] Louis, a distance of about 2¾ mil[illegible] H. D. Sexton is Pres. For details [illegible] adver-tisement in this issue.

Ditch.—Forest City, Iowa. [illegible] the Joint Board of Supervisors of [illegible]nebago and Kossuth Counties will [illegible]ive bids until Oct. 18 for construc[illegible] a ditch about 39,350 ft. of 6 to 24-[illegible]. L. J. Nelson is County Audr., [illegible] st City; E. B. Norton is County Aud[illegible] Algona.

Drain.—Fort Dodge, Iowa. [illegible]ids will be received until 11 a. m., [illegible] 17, by J. L. Hanrahan, County [illegible] Fort Dodge, for the construct[illegible] of open ditch drain No. 96, approx[illegible]ly 526,100 cu. yds. of excavation.

Ditch.—Wheaton, Minn.—[illegible] will be received until 10 a. m., O[illegible] by J. T. Erickson, County Audr[illegible]eaton, for the construction of Ju[illegible] Ditch No. 4, requiring 213,730 cu. [illegible] of earth excavation and 50 corrugat[illegible]ulverts, 24 ft. long and 4 ft. in dia[illegible]er, four corrugated iron culverts, [illegible] ft. long and 3 ft. in diameter; an[illegible]wo 6-ft. corrugated iron culverts [illegible] long. Estimated cost of culverts, [illegible],030; of excavation, $21,251. Plans and specifi-cations are on file with the County Auditor.

✚**Subway.**—Kansas City, Mo.—The contract has been awarded to O'HAGAN & LAKE, 323 Mercantile Block, Aurora, Ill., by the Kansas City Terminal Ry. Co. for constructing a subway under its tracks at Independence Road. The work involves about 25,000 yds. of excavation, 4,000 yds. of concrete, and paving and sewer in connection with the work.

***Stables**—Fort Huachuca, Ariz.—Bids will be received until 11 a. m., Oct. 23, by the Constructing Q. M., U. S. A., Fort Huachuca, for the construction, complete, including plumbing, of six cavalry stables. Separate bids for plumbing will not be considered.

Lumber—Spokane, Wash.—Bids will be received until 10 a. m., Oct. 19 by the city for furnishing lumber, f. o. b. city yards, Spokane. J. C. Argall is Purchasing Agt.

Levees, Etc.—Santa Paula, Cal.—Bids will be received by R. S. Ramsey, City Clk., until Oct. 14, for the construction of a system of levees and embankments along the banks of the Santa Paula Creek.

For other Proposal Advertisements see pages

53, 54, 56, 58, 60

of Advertisements and Construction News, page 176

WATER-WORKS.

South Wayne, Wis.

Sealed bids will be received by the Village Board of South Wayne, Wis., until 7.30 P. M., Tuesday, October 24, 1911, for furnishing all material and labor for the construction of a complete system of waterworks.

The system will comprise pumping machinery, a deep well, tower and tank, power house and a distribution system approximately 6,000 feet long.

Bids must be accompanied by a certified check for $300 as a guarantee that successful bidder will sign a contract and furnish a bond for $3,000, signed by a responsible surety company doing business in the State of Wisconsin, within four days of date of letting.

Village Board reserves the right to reject any or all bids or to award the contract to such bidder as will best serve the interests of the village.

Specifications may be obtained by addressing the engineer.

Village of South Wayne,
O. J. OLSON, Pres.
B. W. HICKS, Engineer,
Vulcan, Mich.

CHANGE OF DATE.

BRIDGES.

Angleton, Texas.

The Commissioners' Court of Brazoria County, Texas, will receive sealed bids up to twelve o'clock noon of Wednesday, the 1st day of November, 1911, at the office of Hon. J. W. Munson, County Judge of said County, at Angleton, Texas, for the furnishing of all materials and labor required to construct, erect and complete ready for use, two bridges over the Brazos river, one at Columbia and one at Brazoria, in accordance with approved plans and specifications on file at the office of said County Judge. Bids will be opened in the afternoon, on the above named date.

Contractors shall submit bids in lump sum for each bridge separately, and for both bridges taken together. The bid for each bridge must be accompanied by a certified check for $3,000.00 payable to J. W. Munson, County Judge, as surety, that if awarded the contract for the work, the contractor will enter into a valid contract and furnish satisfactory bonds in amount of the contracts.

Contractors are requested to visit the two locations before submitting bids.

Duplicate sets of plans and specifications may be secured from F. S. Rice Engineer, Sweeny, Texas, on written application, accompanied by check for $10.00, which check will be returned to unsuccessful bidders on receipt of bids as above and return of plans. $100,000 4% gold bonds issued by County to pay for bridges. Interest payable semi-annually, due 4 years after date. Redeemable after 5 years. Dated April 10, 1911. Contractors will submit bids for the work payable in bonds in installments as the work progresses.

The Court is desirous that actual construction be commenced as early as possible, and all contractors shall specify in their bids the time at which active work will be commenced and when completed.

Said Court reserves the right to reject any and all bids, and the successful bidder or bidders will be required to guarantee the work for ten years.

J. W. MUNSON,
County Judge.

BRIDGE.

OFFICE OF THE BOARD OF PUBLIC WORKS.

Saginaw, Mich., October 7th, 1911.

Sealed proposals will be received at this office until Friday, October 27th, 1911, at 7.30 o'clock P. M., for the construction of a bridge across the Saginaw river on the extension of Johnson street, in accordance with the plans and specifications therefore on file in the office of the Board of Public Works and City Engineer.

The bridge will be of girder construction, with one opening for the passage of boats, the movable portion of the bridge to be of the Scherzer Rolling Lift type with six fixed spans, supported on concrete masonry piers and abutments, and the necessary filling back of abutments to the adjacent cross streets.

Plans, specifications and full information are on file in the office of the Board, copies of which will be furnished to any bona fide bidder depositing twenty-five dollars with the City Engineer therefor, which deposit will be returned upon the return of the plans and specifications.

Proposals for the work must be accompanied by a certified check on some bank in the City of Saginaw, or a New York draft payable to the order of the City Treasurer. For sub-structure, $2,000.00; for super-structure, $3,000.00.

Proposals must be made on blanks furnished by the City Engineer, and bidding must be done in strict accordance with the requirements of said blanks, without reservation, explanations or conditions.

The Board of Public Works respectfully reserves the right to reject any and all proposals submitted.

When an award is made, it must be to the lowest responsible and best bidder, who will be required to furnish a bond for the faithful performance of contract, in such an amount as the Board of Public Works may fix, and satisfactory to it.

BOARD OF PUBLIC WORKS,
By WILLIAM F. JAHNKE,
City Clerk.

Saginaw, Michigan.

STEAM ROAD ROLLER.

Collingswood, N. J.

Sealed proposals will be received by T. W. Madden, Chairman of Highway Committee of the Borough of Collingswood, for one ten (10) ton steam road roller. Detailed plans and specifications of roller offered, together with a certified check in the sum of $100, drawn to the order of the Mayor, to accompany each bid, which will be received up until Friday, Oct. 20th, 1911, at 8 P. M., at which time the bids will be opened and publicly read in the Council Chamber at Collingswood, N. J.

Council reserves the right to reject any or all bids.

T. W. MADDEN,
Chairman, Highway Committee.
Collingswood, N. J., Oct. 9th.

SEWER.

OFFICE OF THE COMMISSIONERS OF SEWERAGE OF LOUISVILLE, KY.
(Incorporated.)

Sealed proposals for the construction of the "Thirty-second Street and Dumesnil Street Sewer," Contract No. 85, will be received at the office of the Commissioners of Sewerage, 605 Equitable Building, Louisville, Ky., until 12 o'clock noon, October 20th, 1911.

The work consists mainly of the construction of 960 ft. of 66", 494 ft. of 60" and 851 ft. of 30" plain concrete sewer; 1,454 ft. of earth excavation, depth of cut 19.0 to 23.5 ft.; 851 ft. of earth excavation, depth of cut 2.5 to 11.5 ft.; 1,086 cu. yds. concrete and 500 ft. of 8" underdrain.

Sealed bids should be endorsed "Proposal for Thirty-second Street and Dumesnil Street Sewer," and addressed to the Commissioners of Sewerage, Equitable Building, Louisville, Ky. Each bid must be accompanied by a certified check for at least seven per cent. (7%) of the total amount of the bid, or a "Bidder's Bond" as described in the form of proposal.

Plans and specifications may be seen at the office of the Commissioners of Sewerage.

P. L. ATHERTON,
Chairman.
CHAS. P. WEAVER, Secy. & Treas.
J. B. F. BREED, Chief Engineer.

CATSKILL AQUEDUCT.

CONTRACT 75.

New York.

Sealed bids will be received by the Board of Water Supply, at its offices, seventh floor, 165 Broadway, New York, until 11 A. M. on Tuesday, October 31, 1911, for Contract 75, for the construction of the Bay Ridge conduit, a portion of the City pipe lines of Catskill aqueduct, in the City Aqueduct department and extending from the junction of Thirty-sixth street and Fifth avenue in the Borough of Brooklyn, New York City, in a generally southwesterly direction along Fifth avenue, Sixty-fourth street, Fourth avenue, Sixty-seventh street and Second avenue to Seventy-ninth street, and through Seventy-ninth street to the Shore road. The work to be done includes the furnishing and laying of about 16,400 feet of 48-inch cast-iron pipe, 36 feet of 36-inch cast-iron pipe, valves and other appurtenances, together with maintenance for one year.

At the above place and time the bids will be publicly opened and read. Pamphlets containing information for bidders, and pamphlets of contract drawings can be obtained at the above address by depositing the sum of Ten Dollars ($10) for each pamphlet. For further particulars see Information for Bidders.

CHARLES STRAUSS,
President;
CHARLES N. CHADWICK,
JOHN F. GALVIN,
Commissioners of the Board of Water Supply.